The Genetics of Astrology

A Study of the Topocentric System

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Also by Margaret Millard, M.D.

Casenotes of a Medical Astrologer

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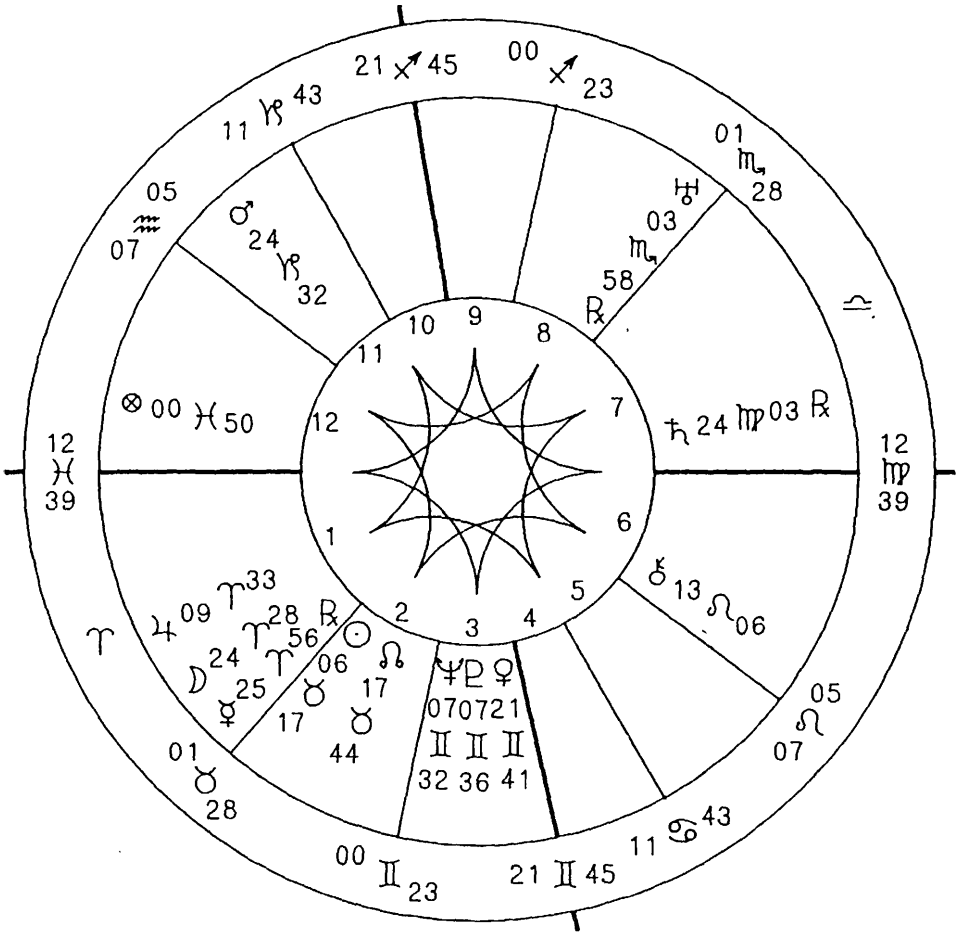
This book is dedicated to the memory of
the two great astrologers of the Argentine
who discovered the Topocentric System.

Wendel Polich 1892 - 1979
Anthony Nelson Page 1919 - 1971



NATAL CHART

WENDEL POLICH

26 Apr 1892 2h48m24s MET

TOPOCENT 45N34 19E23

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Introduction

When I first read about the Topocentric System, I knew it was extremely important. If its discoveries could be verified, astrology would take its place as a science. For the first time it would be possible to demonstrate mathematically how closely life is connected with the Cosmos.

Since I had no knowledge of mathematics and little of astronomy, it took me several years to teach myself the method using log tables and a calculator. I then had to put my family charts into the system to see if it was as accurate as claimed.Luckily I was studying astrology when all my children were born, so I had timed charts. No one expects a hospital clock to be absolutely accurate, but I knew the times were close. I did not realize until much later that latitude is also extremely important. The latitude of Bristol is officially 51 N 27, but the hospital was four miles from the town center and an ordinance survey map showed its latitude to be 51 N 30. That four miles, equivalent to three minutes of arc, made a difference of six minutes of arc in one of the primary directions. This is more than a month from exactitude, and is **not** acceptable. The arc of the event differed from the actual time of the event by only one minute of arc or six days.

Alexander Marr, who had been working with primary direction for years, corresponded with me about the system. During several trips from Germany, in which he stayed at my house, he gave me his programmed magnetic cards for my calculator, as well as much instruction and valuable help. Without him, this book could not have been written.

No one else seemed to be testing the system, so Alexander and I decided to do so ourselves. Later he became involved with other research, and I finished the

study.

Recently I was at Didyma, the ancient oracle of Apollo in Asia Minor which ranked in importance with the famous Delphic Oracle. The energies which were active more than two thousand years ago are still present. I sat by the sacred spring, and after meditating for a time on my question, I received an answer as a picture in my mind. "Will the work endure ?" I asked, and the picture I saw was that of a long tunnel. A voice in my mind said, "The tunnel of Time ." I take this to mean that in time, but not in my time, the work will be accepted. I leave it for posterity.

The Search For Truth

Know ye ought of a Saint that men call Truth?
Can you guide us to where Truth dwells?'
'Not I, God help me,' the man said then,
'I never saw a palmer, with pike or with wallet
Ask after him before, till now in this place.

'So said Piers Ploughman, sending us a message from 1300. And I, too, have sought Truth - a scarce commodity then as now - and found it, and leave this message for the future.

We can never know the final absolute truth about the Universe, for we are three dimensional beings living in four dimensional Space-Time. The events we perceive in our three dimensions are only shadows of reality. It has sometimes been said that the foundational processes of Nature, lying outside Space-Time, generate events that are located in Space-Time, and these we can know.

It is a most extrordinary thing that astrology should have persisted amongst all civilizations of which we have knowledge and in all eras as far back as we can read the record. There is much that we do not know. It is certain that much has been forgotten. In the 5th century B.C. Anaxagoras knew that the earth went around the sun and that the moon shone by the sun's light, and this knowledge was forgotten for two thousand years.

This book is about the astrological discoveries of two men in the Argentine. They are both dead now, and there is great danger that their work will be lost, and we will have to discover it all over again. They made a beginning. With the aid of computers, we can go on with their work.

The story of the Topocentric System of Wendel Polich and A.P. Nelson Page is told as seen through my eyes. I believe it is the key to understanding we have all been seeking.

Even astrologers have never realized until now how closely interwoven is the skein of human life with the Cosmos. We are indissolubly part of it, and we are computed into life at birth and out of it at death. The story is told through a biography of four generations of a family.

The proof is mathematical, as you will see.

Farewell to Existentialism

There are some who will find the whole concept of astrology quite alien to them--they are existentialists.

Existentialism began shortly after the first World War as a revolt against the idea of a loving and all-powerful Deity. A very cataclysmic event it was, the Great War of 1914-1918. It caused the deaths of eight or nine million people and deprived Europe of leaders for a generation. No wonder that the value system which assumed a benevolent God and a Universe in which all was well was violently shattered. Some of the most prominent thinkers of the time began to question these assumptions seriously. World War II, only twenty-one years later, was even more cataclysmic and even more people died--among them six million Jews, who were murdered in gas chambers. The Soviets were said to have lost 10% of their population. No wonder that the whole idea of God fell into disrepute.

The most vocal exponents of Existentialism were Jean Paul Sartre, born in 1905, and Albert Camus, born in 1913. Sartre and Camus denied belonging to any philosophical system, but attempted to draw their own conclusions from a consistent atheism. Sartre wrote, *"There are no universal moral laws or moral values, and there is no universal purpose: we are mere accidents of Nature. Therefore each man is free, because he is not bound to a god or a standard of behavior, but is only responsible to himself. It is his own duty to find his own values, and be true to them."*

Existentialist ideas formed the basis of many revolutions, particularly among the young. The student revolts of the 1950's and 60's, the Red Guards in China, the student riots in Paris, and even the Women's Movement and the Movement for Gay Rights owe their basic drive to Existentialism. The educational system was

turned upside down in the 50's and 60's of the twentieth century. Almost all required courses were thrown out. The Church dropped the Latin liturgy, and Pope John began the ecumenical movement. The family unit became unstable, and as the divorce rate soared, millions of children were brought up in homes with only one parent.

As everyone must search for personal values in this meaningless world, confusion and clashes with authority were bound to occur. As each of us must determine his own course, we should no longer be at the mercy of heredity and environment. In this we see from whence the Civil Rights movement drew its inspiration.

The ideas of Existentialism have not proved to be emotionally satisfying to humanity. There is an innate need to feel that existence has some purpose, and that we are not afloat alone in a random and uncaring universe. This is why religion of the fundamentalist variety has gained so many adherents in the United States, and why the Eastern philosophies and astrology have been revived.

Another idea is being tentatively put forward by a few scientists. Lynn Margulis of Boston University and James Lovelock of the University of Reading in England have proposed the Gaia hypothesis. Gaia was the Earth goddess in ancient Greece. These scientists have proposed that the Earth is actually a sentient Being of which we are a part, resembling cells in the body of a man. Earth seems to strive actively to maintain the atmosphere. The composition of oxygen, nitrogen and carbon dioxide are widely different from what would be predicted of the atmosphere of a lifeless planet. They are held at optimal concentrations for life. The salinity of the oceans remains constant, and the biosphere has managed to adjust and to keep on adjusting to a steady increase in the luminosity of the sun, amounting to at

least 30% since the beginning of life 3.5 billion years ago. The planet is remarkably stable - and the implication is that it was designed to be this way.

Many astrologers have also expressed this view, holding that not only Earth but all the planets are Great Beings whose influence is derived from not only having bodies,but actual spirits. If this is true-and the Cosmos is so strange and unfathomable that there seems no reason why it might not be - then planets such as far distant Pluto, only 2500 miles in diameter, but astrologically potent, must have a very powerful Planetary Spirit. The size of the body, as all astrologers know, has nothing to do with the influence.

The formulation of this viewpoint has taken many years. It has emerged from the cooperation of ecologists, geologists, meteorologists, and oceanographers whose present knowledge is extensive enough to make the hypothesis extremely plausible, and the more facts that are discovered, the more plausible it appears.

Earthly life began billions of years ago. It would not have persisted without some very remarkable things happening on the Earth to support it.

The Sun, at exactly the right distance, pours out light. Photons in the ultraviolet portion of solar radiation excite chemical reactions. Ozone is produced, along with various compounds of nitrogen from oxygen and nitrogen in the atmosphere. The ozone shields the lower atmosphere from too much ultraviolet radiation, which is injurious to life, and the oxides of nitrogen fall to the earth in rain and enter the biological nitrogen cycle. Thus the photochemistry of the outermost gas layer is linked to the biology of the planet. Since oxygen in the atmosphere comes largely from living organisms, the linkage is reciprocal.

Life can only exist in a very narrow range of

temperature. A planet supporting life must be near enough to its Sun to receive light and heat, but not near enough to be gripped by its gravity so that it rotates with only one side turned towards the sun, as does our moon. Also, the sun must belong spectroscopically to the group of K or M stars, because only they are the correct size to endure long enough for life to be able to evolve towards intelligence. A star which is too large will become an inert white dwarf in too short a time for this to happen.

On Earth, sunlight powers photosynthesis, the process carried on by green plants which links carbon dioxide from the atmosphere with water from the surface to make sugar and oxygen. The energy locked up in these compounds is later released by metabolism and drives most biological activity. During plant and bacterial growth, phosphorus, sulphur, calcium, iron, and other minerals are removed from the soil, and nitrogen fixation takes place. The great nutrient cycles consist of the incorporation of chemical elements into plants by the process of growth, followed by their release during respiration, excretion, and decay.

The solar energy reaching the Earth warms the surface, evaporates water, and is responsible for weather. The rocks are eroded, and the soil leached by wind, waves and storms. Minerals are carried into the oceans and sink as sediment to the ocean floors. Such a large fraction of vital chemicals piles up in this way that life would be extinct if other processes to recycle them were not at work.

They are brought into use again by plate tectonics. When continental plates slide over the ocean floor, the sediment is driven below the crust into the magma, a layer of molten rock.From there, it rises to the surface again in the volcanic lava to form mountains. No part of the ocean floor is older than 200 million years, yet the

Earth is 4.7 billion years old.

The circulation of ocean currents also plays a part in Earth's life-supporting behavior and in Earth's strange ecology. Deep sea currents sweep up dissolved nitrogen from the sediments and bring it back to the surface in cold nutrient-rich water. This is responsible for the rich fisheries off the coast of Peru and Ecuador. The physical and chemical conditions of the Earth are uniquely suitable for life. Perhaps we are more important than we think.

It is also known that the molecules in our bodies have been made in the interior of stars. Originally, there were only hydrogen and helium, which were produced in the first few minutes of the "big bang" that started the expansion of the Universe. When our Galaxy formed, it would have had no carbon, oxygen, nitrogen, sulphur, iron, or any of the heavy elements which make up the Earth -- and us. They have been produced in the interiors of stars by fusion, starting with hydrogen as the raw material. The heaviest elements have originated in nuclear reactions that occur in the outbursts of supernovae, and they are still occurring.

The stars eject material at certain times in their lives, and from this material, new stars are built. Our Sun is thought to be a third generation star, much younger than the occurence of the Big Bang which started our Universe.

So the footlights go on and the curtain goes up on a world which has more purpose than the Existentialists could ever dream of. In the next chapter, we will see how the Cosmos affects the life of Man.

The Sage of Buenos Aires

Some of those who could not bring themselves to believe that the Universe had no design and no purpose turned to astrology for answers. In 1975, a Gallop poll had indicated that 32 million Americans believed that the stars influence people's lives. Astronomy courses at our best Universities were becoming flooded with students who were interested in astrology. Bart Bok, emeritus professor of astronomy at the University of Arizona, drafted a statement "Objections to Astrology," and 186 scientists signed an assertion that astrology was a non-science and without validity. A great deal of press coverage was given to this non-event, and, indeed, since sun-sign daily forecasts in the newspapers were all they knew of the Divine Science, one can understand their point of view. All this time many of the most educated and mathematically inclined astrologers were working away quietly, studying every aspect of it, testing all the old precepts, and finding that there was no way in which it could be proved using the commonly accepted methods. One of the most perceptive wrote that the stars spoke a different language.

In his article in *Spica* of January 1969 Dennis Elwell suggested that the outstanding problem was to learn "the vocabulary of the stars." He wrote,

"The question we have to ask ourselves is: If ours is a vertical vocabulary, in what direction do the classifications of this lie? For too long astrology has taken it for granted that the classes natural to the viewpoint of the Cosmos also fall vertically, and thus coincide with ours. True, some of them might. But what if the nouns, the classifications, of this other language are unlike the languages of mankind- so unlike that they can only be pictured as lying horizontally, perhaps at right angles to ours?

This would explain why, when we analyse a few thousand birth dates from one of our categories, clergymen, perhaps, or doctors, a significant if slight astrological correlation often shows itself. In other words, in such cases the language of the stars coincides approximately with ours, at least for part of the way."

During the post war years, a philosopher and mathematician in the Argentine, Wendel Polich, was working out his own theory of astrological influences. It is likely that the social environment of the 1930's in Argentina was a more conducive background for the discoveries of Polich and of his friend and collaborator, Anthony Nelson Page, than any modern environment would be today.

Wendel Polich was born on April 26, 1892, in Veprovacz, a small German colony in the province of Baske in Hungary. There were twelve brothers and sisters, many of whom died in childhood from tuberculosis. He attended the German school in his native village. At the age of nine he was sent to Topolya in an exchange program to learn Hungarian. He lived there for eight months in the home of a fellow countryman. When he finished the school year, he returned to his village to finish at the primary school.

All the time he was studying, he travelled a great deal. He stayed for a year or two in each small town and travelled to other towns to get the education he needed. He began secondary school in Kalocsa, and following that, he went to Baja and then to Pecs, where he attended a boarding school run by the Franciscans. After that he was in Dunnafoldar, in Gyongvos, and finally in Budapest.

Polich's time in Budapest was extremely important, for here he became a professor of mathematics, and without a great deal of mathematical knowledge, he could

not have developed the Topocentric System.

Here he met Ana Krivany, whom he married in 1922, and from this union a son was born, but he died from gastroenteritis when he was seven months old.

The first World War of 1914-1918 turned his life around, for his home was annexed by Yugoslavia, and he made plans to emigrate. The United States was the first choice. He obtained all the necessary papers, but after he had sold everything he owned, emigration was suddenly closed. The Argentine welcomed immigrants, and there he went in 1924 with his wife. She was to die of tuberculosis two years later.

Polich was alone for several years, as he became established in his new country. Finally, he wrote to a young Hungarian whom he had known in Budapest, Antonia Buscher, and asked her to come to the Argentine and marry him. They were married on November 21, 1929, and she was with him for the rest of his life. Their fiftieth wedding anniversary was just six days before he died. On the 14th of January 1934, his only daughter Selma was born. This was a most fortunate occurrence, for although his wife had been pregnant several times, she had never managed to give birth to a living child.

As an immigrant, Wendel Polich had to work at many different occupations. He was first a labourer, then a taxi driver, and then a teacher in a German school. In 1928 he was finally employed by an important metallurgic firm, T.A.M.E.T., where he worked until 1952.

He began to be interested in astrology in about 1934. No one knows how he first became introduced to it, but he began to read astrological books and to attend meetings. He translated many of the English books, such as those of Alan Leo and Vivian Robson. But the one which had the greatest influence on him was the work of Kuhr, a German, who wrote a mathematical treatise on

"The Calculation of Events."

It is unfortunate that the works of Kuhr are now so difficult to obtain, for he seems to have been among the first modern astrologers to work out a logical system of Primary Directions based on the rotation of the Earth. Most astrologers use secondary directions, based on the movement of the Sun. There were some other astrologers who also used Primary Directions, such as Alan Leo and a few others around the turn of the century. They were not calculated in quite the same way as those of Kuhr. Kuhr's method gave much more precise results. The lack of acceptance of the method was a great disappointment to Kuhr and to Anthony Nelson Page.

Years later Page wrote to Alexander Marr that although the method was trigonometrical and highly technical, he knew that every proper astrologer would be using it in a few years because of the accurate results it gave. Unfortunately this did not come to pass in his lifetime. Kuhr's ideas, however, when studied by Polich, formed the basis for his system of rectification.

There are a few modern astrologers who have tried Primary Directions and become enthusiastic. Of these Alexander Marr in Germany is the most outstanding in his contributions to astrological literature. He specialises in the rectification of charts by the Topocentric method of Primary Directions. His work is based on Kuhr's method, although it differs from it somewhat.

Marr's specialty came about in the following way: he was a cryptographer in the German army during the war, but his real love was music. After World War II ended, he became a violinist in Dublin. As his English was not fluent at that time, he used to buy books at the secondhand bookshops on the banks of the Liffey, and read them to get biographical data while he worked on rectification. Biographies of the Royal Family were

particularly useful, as their times were a matter of record, and he found that he could rectify their charts very precisely by means of primary directions and the dates of important events given in the biographies. This is extraordinarily difficult to do, but now he has written a computer program for the Commodore designed for the purpose.

From the time he first read Kuhr, Wendel Polich became more and more engrossed in astrology. For hours he used to sit and meditate on what later became his system. He used small rubber balls to demonstrate the ecliptic, the equator, the horizon, and the various systems for generating the houses. His daughter Selma wrote to me, "It was picturesque to see him, with the little ball in his hand, like Hamlet with the skull, and to watch him for hours in silence slowly turning it around."

He was always abstracted. He lived in an inner world. "The house was a model of tranquility and peace," wrote Selma, "since my mother had Venus on the Ascendant, and I was an only child, and very quiet." He had extraordinary powers of concentration which lasted for hours and hours. He dictated to his wife and daughter, so that by the time Selma was eight, she knew all the signs and planets. There were no calculators in those days, only tables of logarithms,and with their assistance he calculated Primary Directions, caring only for accuracy and not at all for the time it took.

It was around 1942 when he met his friend and collaborator Anthony Nelson Page. The two of them made an excellent combination, as the deep reflection of Wendel Polich was balanced by the youthful enthusiasm of Nelson Page, an Englishman who had emigrated to the Argentine at the age of eighteen.

It was the series of articles in ***Spica*** by Nelson Page which so impressed me when I read them. Unfortunately,

except for these articles and the book, ***The Topocentric System***, by Wendel Polich, published in 1975, there is nothing else in English about the system.

Anthony Nelson Page died prematurely in 1971, but Wendel Polich continued to work until shortly before his death in 1979. The proof is there, in the Topocentric System, that the relationship between Man and the Cosmos is much closer than even astrologers have realised.

"If the Big Bang theory is correct, " wrote Professor David Bohm, a particle physicist from the University of London, "then the entire Universe is initially correlated. Parts are connected, and depend on broader systems in which they are contained, extending ultimately to the entire Universe. Thus, one is led to a new notion of unbroken wholeness which denies the classical idea of analyzability of the world into separately and independently existing parts."

We always knew it. With the help of the Topocentric System, we will be able to prove it. Astrology will at last come into its own.

Geneological Contacts of the Topocentric System

One of the most extraordinary journals of the twentieth century was ***Spica,*** which was run off on a duplicating machine by Brigadier Firebrace. He began this enterprise when he was 72 years old and continued it for fourteen years until he died in 1974. He was typical of the best type of English eccentric, an Army man with a flair for languages, a metaphysician and an astrologer. Such was his reputation and his charm that he inveigled articles from some of the best and most thoughtful astrologers of the day. One of these was Anthony Nelson Page, whose statement in the pages of Spica caught my eye and refused to leave my mind.

"There is an exact contact," I read, "between the charts of parents and children, calculated in oblique ascension, and accurate to within one minute of arc."

I had long been searching for a method to predict when a child would be born, knowing the birth time of the parents. Perhaps this was it!

In those days, I had no idea what was meant by oblique ascension, and no knowledge of trigonometry, which I had gladly left behind me years before.

The rule could be simplified and expressed in the following terms. "At the time of every important event, a planet in the chart of the event will be at precisely the same distance from the meridian axis as one of the natal planets. These contacts or aspects between transiting and natal planets were called Ascensional Transits.

There is nothing new under the sun, and the same kind of thing had been described by Alan Leo in the 1920's. He pointed out that if a natal planet occupied a certain position in a House-- say it was in the exact centre--it was in conjunction "in mundo" with a transiting planet in the exact centre of the same House.

There would be no zodiacal contact, and therefore astrologers have never recognised these aspects.

In the Argentine, Wendel Polich studied the works of Alan Leo and must have experimented with the original idea.

How could one determine the exact time that a transiting planet would contact the sensitive point set up by a natal planet? The answer Polich found was that measurements must be done in degrees of right ascension measured from the meridian. Right ascension is measured along the Celestial Equator, the projection in the sky of the Earth's Equator. The other factor needed was the semiarcs of the transiting and natal planets. Then the exact time when their circles of ascension met could be calculated. Thus the tremendous discovery of Ascensional Transits was made. It is an Ascensional Transit, not a zodiacal contact, that is exact between within one minute of arc. The quickest way to find the Ascensional Transit contact is to make use of a formula discovered by Polich which he used to project the distance on to the Equator

Each Topocentric House contains thirty degrees of oblique ascension. Since the horizon and the meridian are perpendicular, the semi-arcs must contain ninety degrees. We need to find the the meridian distance projected on to the Equator (M.Do). The semi-arc of the M.Do is always 90, therefore the formula is meridian distance divided by the semi-arc equals M.Do divided by 90, or M.D0 = M.D./ S.A. x 90.

A few examples will make the matter clear. My father had two daughters, and the genealogical contacts are as follows.

R.A.M.C. father = 205 45
R.A. Moon = 236 19
M.D. Moon = 30 34

S.A. Moon= 61 07
M.Do Moon = 90 x M.D./ S.A. = 45.

R.A.M.C. daughter = 231 44
R.A. Pluto = 94 29
M.D. Pluto (noct.)= 42 45
S.A. Pluto = 85 30
M.Do Pluto = 90 x M.D. / S.A.= 45.

R.A.M.C. father= 205 45
R.A. Sun = 88 01
M.D. Sun = 117 44
S.A. Sun = 126 59
M.Do Sun = 90 x M.D./ S.A. = 83 27

R.A.M.C. daughter = 225 40
R.A. Venus = 297 36
M.D. Venus = 108 04
S.A. Venus = 116 33
M.Do Venus = 90 x M.D./ S.A. = 83 27

For methods of calculation, see the appendix, or get the R.A. and S.A. calculated by Astro Computing Services, Astroanalytics, or your own computer programme. If you think it is difficult, remember that the discoverers did it all with log tables!

Early History

I owe my life to a fortuneteller. Or perhaps to destiny, that brought my parents together from opposite ends of the earth.

The year was 1915. The scene was a small Canadian university, Mount Alison. My father had become interested in genetics. There were very few geneticists, but one of the few was at Mount Alison, and my father had corresponded with him. He had some leave, and went to Canada.

My mother was a 21-year-old student when their paths met. She was at first not too impressed by him, but he fell madly in love with her. It was a short leave, but long enough for him to propose after two weeks. She wanted to finish her education, but her doubts were finally swept away. "A fortuneteller told me I would go across the seas and marry a beautiful redhaired girl" he told her.

He must have been persuasive, for he returned to the West Indies, and she took the boat from Halifax to St. Vincent a few months later. They were married on the day the boat docked, December 10, 1915, and I was born nine months later.

The marriage was not a success. It lasted until my sister and I were old enough to go to boarding school in England. Meanwhile, my mother had almost died of pernicious anemia, in those days, a fatal disease. She needed to go to London for treatment, and in 1926 we were all sent to England to stay indefinitely. The marriage was quietly dissolved, with no regrets on either side.

Hephaestus

It is said that every man lives a myth. My father's myth was that of Hephaestus, the lame god, for he was born with a club foot.

In myth, lameness was a holy attribute, belonging to many of the gods, not only Hephaestus but Wayland Smith in England, Dionysius in Greece, and Jesus himself, at least according to the poet Robert Graves.

Hephaestus was a craftsman. My father was also a craftsman of a kind, for he worked with plants, and many new varieties came out of his greenhouse and were sent all over the world. His lifelong love of botany came about because he was given a small plot of land for a garden by a compassionate teacher, as he was lame and could not play games like the other boys.

His parents were villagers in the North Riding of Yorkshire, where the family had been settled since the days of the Vikings. They were well respected, but none were eminent in any way. Family tradition holds that some were carpenters, and when York Minster burned in 1847 and the flames were seen in the sky, one of the family set out with his hammer to walk fifty miles to York, in case he was needed to rebuild it.

His mother, Ellen Fitzgerald, was Irish and had "the sight" as they say: she could see nature spirits when she was young. The strain of her blood ran strongly in her descendants.

My father won a county scholarship to the University of London, and thus was started on the road which would take him to the West Indies, to South America, around the world, and finally back to England. He belonged to the group born in 1891 under a Pluto-Neptune conjunction. In his chart this was accentuated by being with Mercury, his Sun ruler, and with Venus and the North Node, all in the sixth house. I have found in my medical studies that the sixth house is associated

with hereditary defects, such as club foot. Bungula or Alpha Centauri, "The Foot of the Centaur" is on the sixth cusp of the solar chart.

The sixth house is that of Natural Science. The square from Saturn in the eighth gave my father many obstacles to overcome, but great persistence. In the end, many of his greatest accomplishments were destroyed, but much remained and will endure.

Uranus in the midheaven dominated the chart. He was original and independent, and never a friend of the Establishment. The midheaven Uranus proved to be no benefic. Charles Carter wrote that in an otherwise good chart an angular Uranus could negate all the good and cause disaster and ruin because of the selfwill of the native.

Uranus is the lightning bolt, and the lightning struck in 1934. He was a lecturer in tropical agriculture and genetics in the West Indies, publishing some very innovative genetical theories and sought after as a teacher by the bright young men coming from England on their way to careers in agriculture in Africa. My mother and he were divorced by mutual consent, and when he remarried he chose as a wife his young Chinese lab assistant. This was unforgiveable in the eyes of the Establishment. In the heyday of the British Empire when the White man's burden was taken seriously, the Chinese were considered to be "lesser breeds without the law."

It was inevitable that he would lose his lectureship. The Imperial College of Tropical Agriculture was a bastion of British Imperialism, and he had to go.

He was blackballed and told that he would never again be able to work in the British Empire. The years of exile were to begin. He found work in Brazil where he stayed for five years until the political situation became

so serious that he had to move to Peru. Through all his trouble he had many colleagues in England, men such as J.B.S. Haldane, who were familiar with his pioneering work in genetics. For this reason, in 1941 he was elected to the greatest scientific honor Britain offers, a Fellowship in the Royal Society, which is reserved for very few of the best scientists. Approval must be unanimous, and often a candidate must wait for years until someone in his field dies, as membership is extremely limited. He was in contact with the very best scientific brains in England, and England in those days led the world in science.

One of the strangest events of my father's life was his involvement in the Lysenko affair.

How Nikolai Ivanovich Vavilov, the one-time Director of the All-Union Lenin Academy of Agricultural Sciences, came to die of malnutrition in a labour camp is one of the most chilling stories of modern science. He was my father's friend, and had a most profound influence on his life and on his career.

Vavilov was born in Moscow on Nov. 25, 1887. His brilliance was recognised during his student years at the Moscow Agricultural Institute, and he came to Lenin's attention when he was 34 and already a full professor. It has been said that Lenin read a book on U.S. agriculture, and hence realised the importance of scientific plant breeding. Vavilov was working in this field, and was soon promoted to the post of Director of Applied Botany in Petrograd. By the early 1930s he was in charge of 400 research stations and 20,000 staff.

It was at this time that he met my father, and they became friends. Central America is one of the eight major centres of the world where crops were first domesticated, and where many wild progenitors of our common cultivated species are still found. Vavilov was

laying the foundations of his Leningrad gene bank by journeying around the world collecting specimens. When he stopped by in Trinidad to visit the Imperial College of Tropical Agriculture, he stayed as a guest in my father's home for a time.

By this time, Lenin was dead, and Stalin ruled the Soviet Union. Agricultural difficulties created resentment about the work of the array of research stations. Never mind that Vavilov had a collection of 30,000 samples of wheat alone, as well as all the other important cereal crops, and was breeding varieties that would survive the severe climate of much of the country. Directives came from on high to reduce the time taken to produce new varieties of wheat and potatoes from 12 years to 5. A poorly-trained charlatan, and self-styled geneticist, Trofim Lysenko, declared that he could do this, "with just five flower pots in a corner of a crowded greenhouse." Although this claim flew in the face of sensible scientific knowledge, the skilful use of propaganda and influential contacts with important officials overcame any resistance.

Vavilov appealed to world scientific opinion to bolster his position. He thought that bringing in an outside geneticist to visit his far-flung research stations and discredit the views of Lysenko would help him to carry on his work. In 1933 my father was chosen to accompany him on a four month expedition, from Soviet Central Asia to the Arctic Circle, to see the stations conducting field research.

I was at that time in Berlin at school, and studying Russian as well as German, because I was to go to Leningrad to stay with a Soviet geneticist while my father was away with Vavilov.

In the end, all efforts were in vain. Vavilov's idea did not work. Lysenko's followers were placed in controlling

positions. His opponents were fired, jailed or sent to labour camps. It was officially declared that Mendelian genetics was a bourgeoise science, because it emphasised the power of genes rather than the power of the environment. Lysenko became the new President of the All-Union Lenin Academy of Agricultural Sciences. An intense campaign of vilification was launched against Vavilov.

On August 6, 1940, he was arrested by the NKVD while on a collection trip to the Ukraine. History records that he discovered a new species of wheat on his last day of freedom. Nearly a year later he was tried, condemned as a spy and a traitor, and found guilty of "sabotage in agriculture" amongst other crimes. He received the death sentence, later commuted to ten years imprisonment.

On January 26, 1943, he died in a labour camp, some say of typhus, some say of pneumonia, but actually of starvation. According to a fellow inmate, he remained cheerful and uncomplaining, and kept up the courage of the other inmates to the end. His precious wheat collection was broken up and eaten during the siege of Leningrad.

A couple of months ago, I happened to see in a journal an advertisement for the World Wildlife Federation. "Support the acquisition of the Vavilov enclaves" I read. A map showed the original homes of the wild progenitors of our food plants which Vavilov had discovered in the thirties and which still held the promise of gene banks for the future preservation of the species.

The institute in Leningrad has now been re-named the N.I. Vavilov Institute. It has a staff of 2000 and holds more than 200,000 plant samples. It acts as a gene bank for plant breeders around the world, as Nikolai Ivanovich would have wished.

When my father died, I inherited the studio

photograph of Vavilov which had always stood in a place of honour on the piano. He was the most remarkable man I have ever met. It is not because he was a martyr of science that I treasure Vavilov's picture, but because he had a buoyant personality, an irreverent sense of humour, and, like me, he loved books. In his small apartment he had little furniture but stacks of books in many languages piled high around the walls of every room. I wondered that there was living room for his wife and his little son. He was a man who was not easy to forget.

Eventually, when he was 57 years old, my father returned to England as Professor of Botany at the University of Manchester. He established a department where curious minds were taught to do research and it became one of the most outstanding in the country. Sixty-six of his research papers are still quoted in the literature.

In Trinidad he was never forgotten. Independence came, and he was honoured as one of the whites who had stood up against racism. A society, the Harland Society, was founded at the University in his honour, and in 1973, forty years after he had been driven out, he was given an honorary doctorate at the old Imperial College, now the University of the West Indies. The wheel of Fortune had turned full circle.

His life was crowned by one great professional achievement. In the 1960's population experts feared widespread starvation in the Third World. It was averted because of the development of grains with more protein and a higher yield than any which had until then been grown. They called it "the green revolution." My father had developed these varieties.

At the moment of death, as we shall see, this accomplishment was remembered.

To a Higher Purpose

We have looked at one kind of genealogical contact. This is not all--there are others! There is a very special one where the total time elapsed is factored into the computation, and this is a suprapersonal contact. Precession is taken into account. Not, however, the ordinary form of precession along the ecliptic, the precession is taken in R.A. along the Equator.(46.1 " arc per year).

It is calculated as follows.

R.A.M.C. daughter= 231 44
R.A.M.C. father = 205 45
Difference = 25 59.

He was 25 years 79 days old when I was born, which equates to a Naibod arc of 24 50. Add this arc to the above arc of 25 59, giving a total arc= 50 49.

My father's 7th cusp has an OD of 115 45.
Add the above arc of 50 49
7th cusp plus arc = 166 34.
My Sun has an O.D. of 166 14 (refer to speculum)
Add precession on Equator of 20'
Sun = father's 7th cusp.

The OA/OD values of the house cusps can be used for both charts.

My sister Elizabeth has R.A.M.C.= 225 40 - so seventh cusp = 135 40.

R.A.M.C. daughter= 225 40
R.A.M.C. father= 205 45
Difference =19 55.

He was 26 years 5 months 10 days when my sister was born.

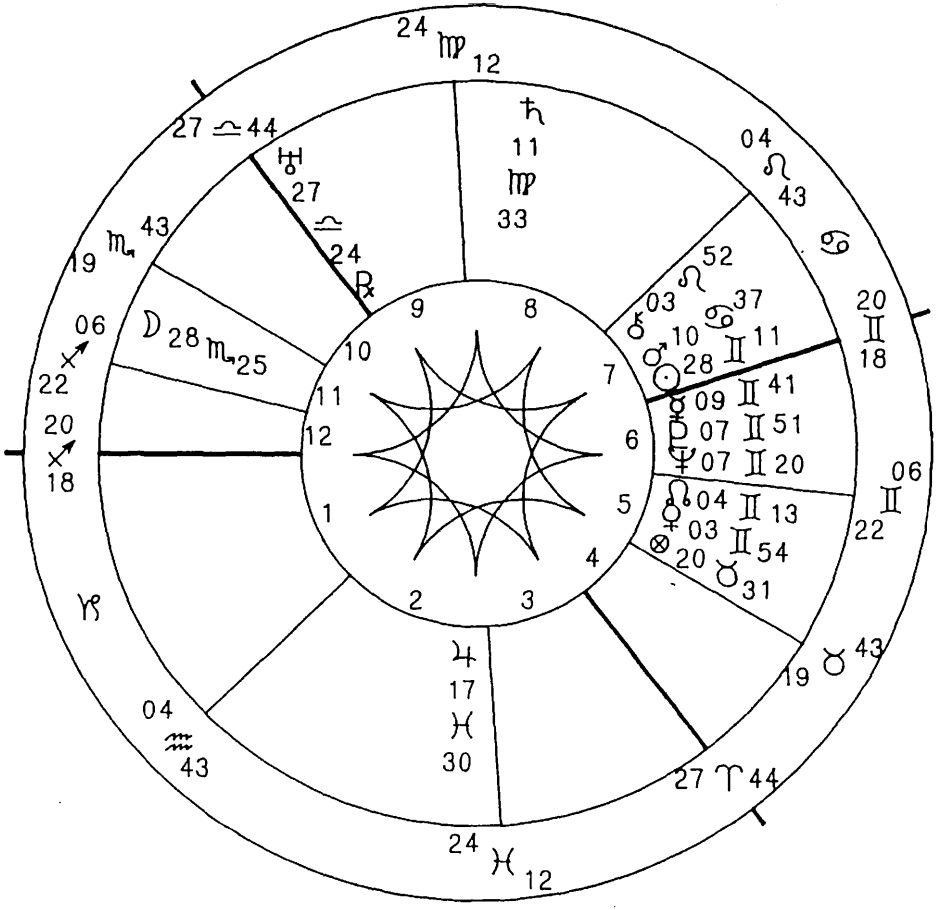
Arc of age= 26 03
Total arc = 45 58
O.D. father's Mercury= 90 05
plus total arc = 136 03
Daughter's 7th cusp 135 40 plus precession 20'= 136
Mercury= 7th cusp.

But it is not exact. There is an orb of 3' arc. (Who knows, there might be some other planet which forms an exact contact.)

S.C. Harland June 19, 1891 O W 35, 54 N 14, given time 8 p.m. rectified to 7.54.19 p.m. Snainton, Yorks

R.A.M.C. 205 45

	R.A.	S.A.	Decl.	M.Do	OA/OD	Pole
Sun	88 01	126 59	23N26	83 27	121 56	52 10
Moon	236 19	61 07	19S11	45 00	250 17	34 45
Merc.	68 17	58 59	20N22	64 54	90 05	45 01
Venus	62 09	60 03	19N47	54 33	79 46	40 04
Mars	101 39	128 13	24N01	73 04	131 48	48 25
Jupiter	348 58	98 23	6S	33 39	352 06	27 26
Saturn	163 44	102 48	9N04	36 47	168 56	29 35
Uran.	205 38	75 45	10S03	0 15	205 35	0 14
Nept.	65 48	59 37	20N01	60 28	85 40	43
Pluto	67 56	75 09	10N28	50 30	76 11	29 17
N.Node	62 14	57 48	21N	56 48	81 53	41 13
Fort.	48 06	63 24	17N54	31 42	57 10	26 04
Chiron	124 39	108 46	13N03	67 06	138 32	45 59



NATAL CHART

S. C. HARLAND

19 Jun 1891 19h54m19s GMT

TOPOCENT 54N14 0W35

The Path of Renunciation

My sister Elizabeth was a mystic. We read "The History and Power of Mind" by Richard Ingalese when we were in our teens , and it made a great impression on us both. I was already destined for medicine and a life of great activity, but from that time she chose the contemplative life. Our paths parted, and it was my loss, for she saw clearly and her counsel was good.

She was invited to join an occult Order when she was about thirty, and did much work on the Inner Planes, but as to that, I am not an initiate and cannot speak of what I do not know.

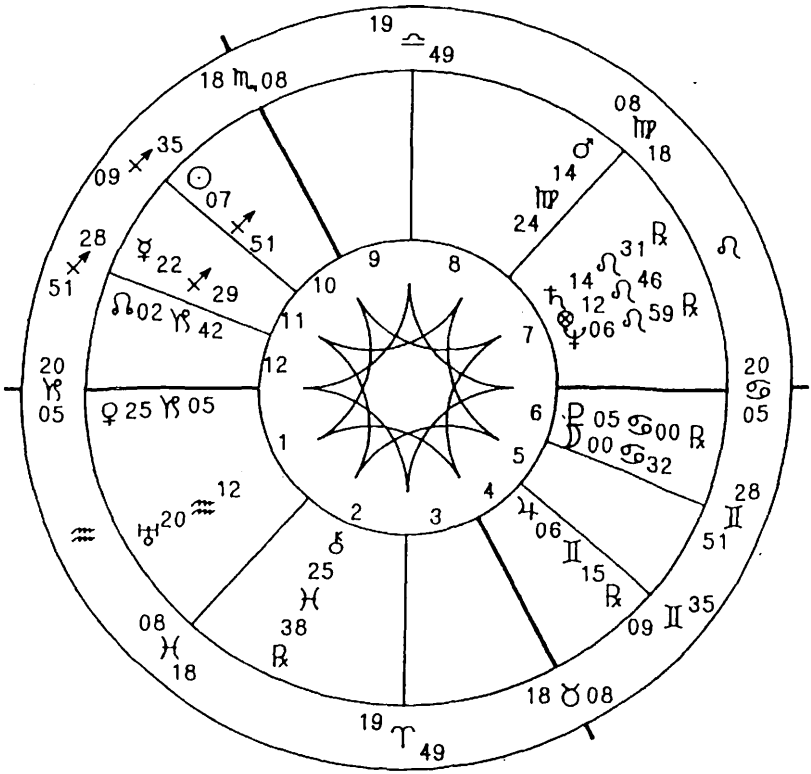
She was a fine astrologer, and learned to read a chart before she was twenty-one. At that age, she was married for the first time to a fellow student at the Royal Academy of Art. I told her that she was too young, and she replied, "Leonard will not live long, and I will marry twice." The prophecy was fulfilled, as he died in an accident in France when he was thirty-two.

There is an overwhelmingly strong Sagittarius-Gemini emphasis in most of the charts of our family. My father's 6th house planets in Gemini, particularly his Pluto in 7 Gemini 51, link with Elizabeth's Sun in 7 Sagittarius 51, and his Neptune in 7 Gemini 20 with my Fortuna in 7 Gemini 18. I felt very fortunate to have her for a sister.

As her work was not concerned with the things of this world, she led a quiet life in rural Yorkshire and Northumberland, raising three children and busying herself on the farm. She thought that she would have a great change when she was sixty-two and Uranus transited her Midheaven, but she did not forsee that she would die. Had she known, she would have been sorry not to see her grandchildren grow up, but otherwise she would, I think, have regarded it as just another journey.

She was beginning to suffer from the pains of arthritis, and life could not have been too good to her. I think she would have said with Lancelot, "Gift me no gifts- my gift is Death.

She had an easy passage, for she went very quietly after only a few days illness, in coma, with overwhelming liver failure.



NATAL CHART

ELIZABETH

30 Nov 1917 10h46m 6s AST
TOPOCENT 45N12 64W45

Marriage and All That

1942 was a watershed year for me. Had it not been for Charlie, I would have travelled a different road, and probably become a surgeon.

I took my finals in an air raid shelter during the height of the blitz on Bristol. Being in love with surgery, and dreaming of becoming an army surgeon some day, I started my first job as a surgical houseman on March 1, 1942. It finished on March 20. No, it was not my medical skills or my dedication to my patients that was in question-nothing like that. It was Charlie.

Charlie was not even a close friend of mine, just someone I knew, but when I met him one night, utterly drunk and helpless, wandering around with nowhere to go and an air raid due at any time, I could not do otherwise than invite him back to the hospital to spend the night in my room. I was off duty. We were allowed to sleep undisturbed one night in two, and I had been up with a surgical patient the night before.

There was no reason at all for night sister to come to my room and disturb me, and I never found out if she really thought I was on duty or just mistook the door. Charlie had passed out on my bed. I was sent for the next day, and the medical superintendent told me kindly but firmly that I must leave. That was the end of my surgical career. I went off to Dublin for a few months and did some graduate obstetrics. I came back to Bristol, and Charlie was still around. He was a perennial student.

As it happened, he introduced me to his room mate Ben, and we were married the next year. Charlie was our best man. Ben was the captain of the rugby club, and a first class honours graduate in chemistry. Most important, he was born at noon, and I had just started to study astrology. One of the first things that I had learned was that someone born at noon will rise to the

top. I have made a great many false predictions in my time, but this one was true.

When I met him, he was twenty-two, but was not in the army because he had been drafted to do research on explosives, which was felt by the Ministry of Supply to be more important for the country. One of the things I had to put up with when we were married was the bags of plastic explosive brought home and put under the bed. We were very carefree in those days.

My sister expressed no surprise when she heard about my lost job and my subsequent engagement. "You have progressed Mars, the ruler of your Midheaven, square your Uranus this year," she said. "This means scandal of some kind. On March 20 when you lost your job, Uranus and Saturn were together in 25 Taurus opposition your Midheaven. Downfall was inevitable."

I agree with Teresa Weed, a very fine research astrologer and a siderealist. She says that Uranus in her experience is by no means a benefic, but is far more like Saturn than generally realised. Things are cut off, and finished for good under a Uranus aspect. So it was when he opposed my Midheaven and my surgical career ended. So it was when he crossed my Midheaven forty years later and I finally left the practise of medicine and embarked on a new career in the theatre. But through it all, I am still with Ben.

In spite of the fifteen hard aspects in my chart, my marriage was a good one. The main contact between us is that my Sun and Ben's Moon are parallel. Uranus rises in his chart, exactly conjunct Sadalmelik, the Lucky One of the King. It is said when it conjuncts Uranus to give high ideals, a scientific mind, psychic powers, and to make the native inventive and successful. This description suits Ben well.

The closest applying opposition is Mars to Neptune,

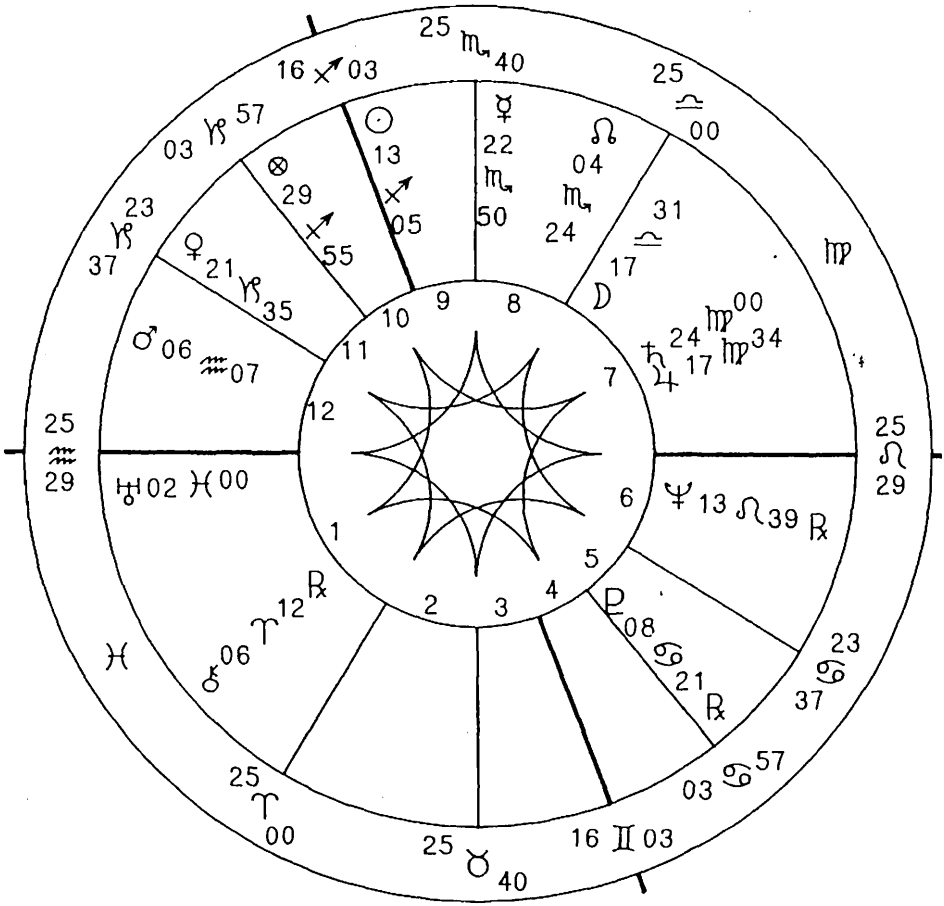
and Sun trine Neptune is the closest aspect. The intuitive faculty has helped him to be an original and innovative researcher.

We finished up in the United States, where Ben had been offered a Fellowship. I was determined to be a doctor, against all odds, and the children hardly knew which was their mother and which their father, for Ben bathed them and put them to bed every night while I was off at the office until 9 p.m. seeing patients. It was a very hard life.

It did not seem to hurt the children. They all grew up very self-sufficient, and went on to academic success and good careers. The Gemini-Sagittarius connection, introduced back into the family by Ben, played a great part in their genealogical destiny. John Addey found that if a planetary emphasis is found in a family, marriage tends to perpetuate it. This was certainly so in our family, as you will see.

Ben, Dec. 5, 1920, 12.12.12 PM GMT
51N48, 2W11, Painswick, Glos.
R.A.M.C. 254 51

	R.A.	Decl.	S.A.	M.Do	OA/OD	Pole
Sun	251 39	22 23	58 27	4 55	250 02	3 56
Moon	195 30	8 25	79 10	67 29	187 24	43 36
Mercury	231 00	16 22	68 05	31 32	223 31	23 57
Venus	293 42	23 49	55 54	62 34	316 40	41 29
Mars	308 51	20 05	62 19	78 00	332 36	47 46
Jupiter	169	5 56	97 35	79 11	175 40	48 11
Saturn	175 17	4 14	95 24	75 04	179 47	46 39
Uranus	334 16	11 28	104 56	86 16	348 34	50 36
Neptune	136 08	16 46	67 29.5	81 43	156 29	49 06
Pluto	98 51	19 37	63 04	34 15	108 46	25 49
N. Node	212 08	12 59	72 57	52 41	205 02	36 38
Fortuna	269 49	23 27	56 33	23 49	288 10	18 38
Chiron	4 45	4 39	84 04	75 03	4 32	46 40



NATAL CHART

BEN

5 Dec 1920 12h12m12s GMT

TOPOCENT 51N48 2W11

Geneological Destiny

The moment of truth has arrived. So far. exact contacts have been found to exist between the charts of a father and his two daughters. As my mother's birth time is not known, this is not a complete test. Now we have two parents, both with birth charts as accurate as possible, rectified with many events by Alexander Marr, the most experienced master of rectification, using Primary Directions according to the Topocentric System. They must be compared with the charts of six children, and exact contacts shown to exist.

In a letter from Wendel Polich, I learned that in many cases there are also exact contacts between the charts of brothers and sisters.

My first daughter Frances was born in my own hospital where I had worked on the maternity wards until twenty days before her birth. She has a Scorpio Ascendant close to my Midheaven, and a Virgo Midheaven close to her father's Jupiter and Vertex.

The genealogical contact with her father is between his Mars and her Mercury.

R.A.M.C. = 254 51	R.A.M.C. = 167 50
M.D. Mars= 54	M.D. Mercury = 55 11
S.A. Mars= 62 19	S.A. Mercury = 63 37
M.Do = M.D./S.A.x 90	M.Do= M.D./S.A.x 90
M.Do Mars= 78 00	M.Do Mercury= 78 04

Her Mercury is in the 6th house. She is a scholar in the finest tradition. After winning a Ford Foundation Fellowship, she enrolled in the graduate school of Columbia University in Eastern European studies, and completed her Ph. D. thesis in Warsaw. She is dedicated to her career, which involves teaching political science at an English university. There have been a couple of scholarly books on labor relationships and power groups,

and she is also very popular with the students, as she has the gift of being able to make them understand the subject and think things out for themselves. Her father, too, was a popular teacher when he taught chemistry at the University, so there is a direct link between them which manifests itself through the 6th house.

I was very involved with politics when she was born, and she was brought up to think in terms of political activism. She became a member of the Labour Party and is often found at pacifist meetings. The contact is between my Mars and her Venus. I too, in my youth was very political.

She shares my love of travelling to far distant places and she and her husband and little son are the best travelled Faculty family at Portsmouth. The aspects of her Venus and mine are similar, for we both have Venus square Mars. Hers is from the 4th to the 8th house. She had difficulties in conception, a common way for this aspect to manifest. It is also said to show a hard childhood. Perhaps she had too much responsibility when she was growing up. She was often left to look after her little brothers and sisters when I was working. It was a lot of responsibility for her..

R.A.M.C. daughter 167 50	R.A.M.C. mother 231 44
M.D. Venus 24 31	M.D. Mars 25 05
S.A. Venus 85 24	S.A. Mars 87 21
M.Do Venus = 25 50	M.Do Mars = 25 50

You may ask, and rightly, if there are any primary directions to support this rectification. There are several. One good one is Venus to the 4th cusp for marriage, with an orb of 2' arc-exact for R.A.M.C. 167 48. It is also interesting to note that her chart disproves the Law of Heredity, which states that a Ascendant in Scorpio can

only occur if one of the parents have Sun, Moon or Ascendant in a water sign or in Taurus. This is not the case here.

My second daughter Katherine was born in Bristol after an induced labour. I was three days overdue and beginning to develop toxaemia, so the membranes were ruptured. As her chart fits her, I believe that children are born according to cosmic conditions, even when the birth is apparently hastened by the attending physician. Jupiter rises in Sagittarius opposition Uranus. The Descendant is close to my sister's Sun, my father's Pluto and my Fortuna. Again, the Gemini-Sagittarius connection shows up in the family.

She was married as soon as she got her degree, and worked in Washington as a lobbyist, in close contact with Congress and the Senate. Neptune, close to the Midheaven, is associated with politics. Also her Sun is near my Ascendant and Uranus, and she is the only one of my family to have studied astrology.

Finally after ten years she and her husband grew apart, and were divorced. Now she is in the Foreign Service, and at present is serving as Second Secretary at the Embassy in Algiers. One of her hobbies is belly dancing, and she has an affinity for Middle Eastern countries.

She shares her father's executive ability, and the contact between them is Pluto to Pluto.

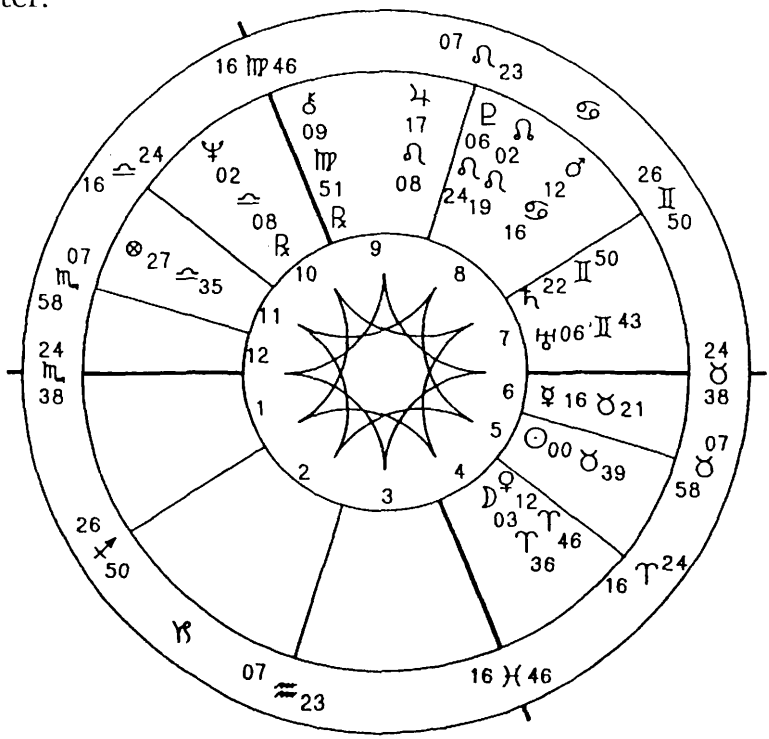
R.A.M.C. 254 51	R.A.M.C. 185 32
M.D. Pluto = 24	M.D. Pluto = 47 04
S.A. Pluto = 63 04	S.A. Pluto = 123 39
M.Do= M.D./S.A.x 90	M.Do= M.D./S.A.x 90
M.Do Pluto = 34 15	M.Do Pluto = 34 15

The contact between her chart and mine is her

Mercury and my Mars.

R.A.M.C. 231 44	R.A.M.C. 185 32
M.D. Mars 25 05	M.D. Mercury 28 58
S.A. Mars = 87 21	S.A. Mercury = 100 56
M.Do Mars = 25 50	M.Do Mercury = 25 50

Notice that the contact between Frances and her father is not exact. There is another method of calculating genealogical contacts, described in the next chapter.



NATAL CHART

FRANCES

20 Apr 1944 23h26m16s BDS
TOPOCENT 51N30 2W35

Genealogical Contacts of a Different Kind

Birth is a suprapersonal event, for it has an effect on the group as well as on the individual. Wendel Polich discovered that the usual method of calculating M.Dos sometimes had to be modified by a small correction when suprapersonal events were concerned. A different meridian, one which is based on ephemeris time, is used.

Except to an astronomer, the different kinds of time are confusing. Greenwich Mean Time, from which all the time zones of the world are derived, is called Universal Time when reckoned from midnight of the day which is just beginning. For every 15 degrees of longitude East of Greenwich, one hour of time is added to G.M.T. and for every degree West of Greenwich, one hour is subtracted. All astrologers learn this.

However, there are random changes in the rotation of the Earth, and for scientific purposes, a caesium resonator is used to calculate the exact time of a mean solar second. This became necessary when we went into space.

The random changes in the rotation of the Earth produce changes in the Moon's position. Delta t is the difference between Universal Time and Ephemeris Time, in which the planets positions are given in the ephemeris. Namely, E.T.-U.T.= delta t. It is measured as a small error in the observed longitude of the Moon when compared with the calculated longitude of the Moon.

For practical purposes, delta t is used when the yearly solar returns are calculated. As the positions of the planets in the ephemeris are based on ephemeris time, not Universal time, delta t should be subtracted from the sideral time of the return.

It is also used in calculating certain suprapersonal M.Do contacts. With this explanation, we can now find the exact contact between her chart and her father's, which is one of these suprapersonal contacts. The house cusps, including the R.A.M.C., are derived from sidereal time, the hour angle of the vernal equinox, on which Universal time is based.

The positions of the planets given in the ephemeris are either for O hours E.T. or 12 hours E.T. - a different kind of time. We must therefore change Universal time to Ephemeris time, and this is done by adding a correction to Universal time-the delta t.

Then the house cusps and the planets are both in the same kind of time. You may say, why not always do this instead of only for suprapersonal contacts? I do not know.

The suprapersonal meridian is found by **adding** the difference in delta t between the two charts to the R.A.M.C. of the younger native. One minute of arc is added for each four seconds of time. This applies only to M.Dos where the planets concerned are either in mundane conjunction or opposition. If they are on the other side of the meridian axis, the so-called antiscion contacts, the two delta ts are added, and the sum **subtracted** from the R.A.M.C. of the younger native, four seconds equalling one minute of arc.

delta t for Ben's birth = 20.4 seconds.
delta t for Frances's birth = 26.2 seconds.

The difference is approximately 6 seconds, which converts into 1.5 minutes of arc.

Hence her R.A.M.C. of 167 50 becomes 167 51.5 and M.Do Mercury = 78 01.

This is about the most difficult thing to understand

in the Topocentric System, and a review of Wendel Polich's book in the British *Astrological Journal* declared it to be quite un-understandable. The procedure, though, is simple. It seems that the perturbation which gives rise to delta t is due to the fact that the Moon and Earth are a double planet, and the Moon is getting gradually further away from the Earth. I asked my professor of astronomy if the distance was cumulative, as Wendel Polich thought, and he said that it was.

There is also another genealogical contact, one based on the Fixed Elapsed arc, in which all the time between my birth and Katherine's is used to calculate the contact, and precession on the Equator added.

R.A.M.C. Katherine 185 32 plus 360 = 545 32
R.A.M.C. Margaret = 231 44
Difference= arc of transposition = 313 48
Mother's age at birth, 31 yrs 5 mo, arc = 30 59
Add to find total Fixed Arc Elapsed, 344 47.
O.D. Sun of mother= 166 14. Plus arc 344 47 = O.D. transposed Sun = 151 01.
O.D. Pluto of daughter = 150 38
Add precession on Equator of 24'
O.D. Pluto with precession added = 151 02
Sun = Pluto

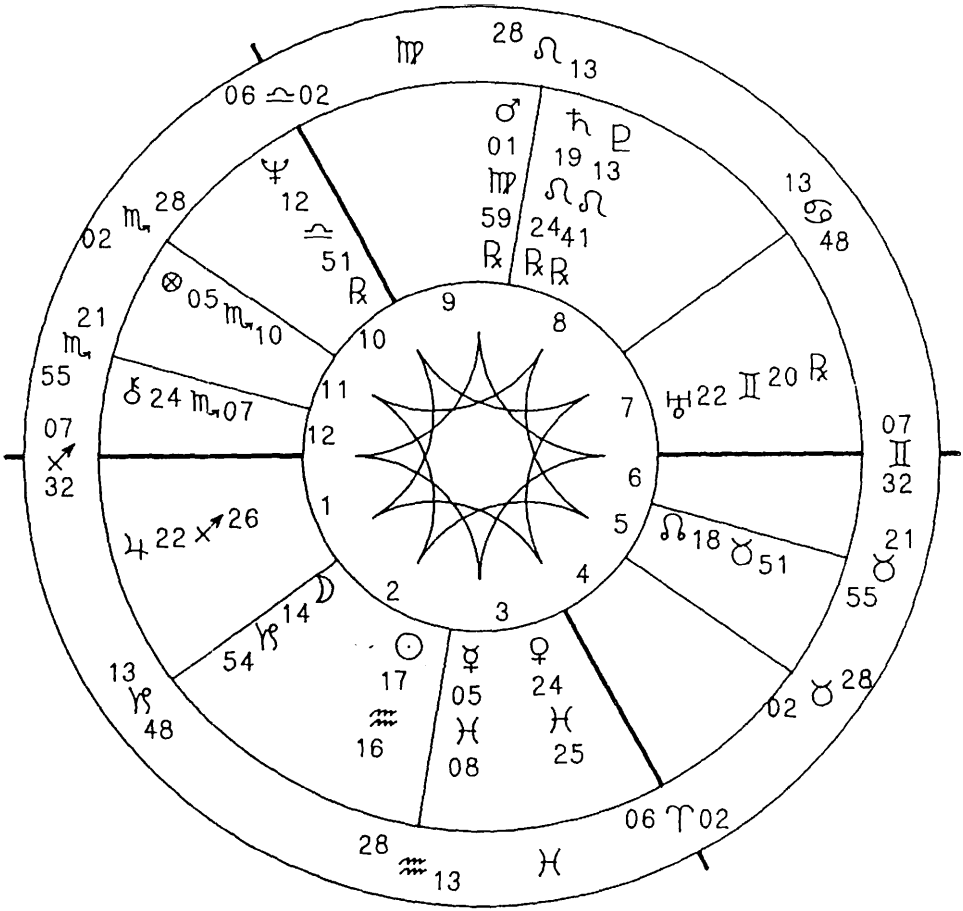
This is the second genealogical contact.

Katherine R.A.M.C.= 185 32

	R.A.	Decl.	M.Do	S. A.	OA/OD	Pole
Sun	319 43	15S40	37 16	110 39	328 07	27 30
Moon	286 41	26S43	54 54	129 15	309 23	37 29
Merc.	336 34	8S35	25 50	100 56	339 41	19 50
Venus	355 15	3S03	9 52	93 50	355 40	7 50
Mars	155 37	14N55	24 34	109 34	160 52	18 58
Jupiter	261 49	22S42	76 41	121 44	288 26	46 58
Saturn	142 13	16N10	35	111 22	150 22	26 03
Uranus	81 38	23N23	76 03	122 56	108 59	46 44
Neptune	192 26	3S38	7 17	85 25	192 48	5 49
Pluto	138 28	23N47	34 15	123 39	150 38	25 34
Chiron	232 20	16S36	61 37	67 59	246 50	40 44
N.Node	46 25	17N26	55 08	66 44	60 25	37 24
Fortuna	212 53	13S15	33 49	72 47	219 16	25 18

Frances R.A.M.C. = 167 50

	R.A.	Decl.	M.Do	S.A.	OA/OD	Pole
Sun	28 32	11N42	48 54	74 55	36 40	34 20
Moon	5 03	2S38	17 52	86 41	5 42	14 01
Merc.	43 01	19N28	78 04	63 37	65 41	47 29
Venus	12 21	3N38	25 50	85 25	13 40	19 50
Mars	103 32	24N42	46 06	125 32	120 46	32 50
Jupiter	139 54	16N42	22 25	112 09	145 17	17 23
Saturn	82 16	22N15	63 40	120 57	103 36	41 39
Uranus	64 54	21N22	77 33	119 28	89 58	47 17
Neptune	82 32	0N28	14 48	89 25	182 38	11 41
Pluto	130 19	24N04	27 12	124 09	140 05	20 45
Chiron	159 27	3N04	8 02	93 52	159 36	6 34
N.Node	124 35	19N40	33 22	116 41	134 08	24 59
Fortuna	205 36	10S37	44 30	76 22	212 18	31 52



NATAL CHART

KATHERINE

7 Feb 1948 3h27m47s GMT

TOPOCENT 51N30 2W35

Max

We landed in New York on January 15, 1949. The ship was the "Batory", a very old Polish vessel which had been a troop carrier during the war. It was crowded with peasants from Central Europe, dressed in voluminous skirts with kerchiefs on their heads, and speaking no English. There were no stabilizers, and it rolled in the waves of the cold Atlantic ocean so that I was horribly seasick.

Kathy spent most of the time asleep in the cabin, but I had another child besides Frances to care for. He was the son of one of my patients, who had died of TB when she was twenty, leaving a baby whom his G.I. father had never seen. The child's grandmother was too feeble to care for him, and he had already been put up for adoption when I heard about it, wrote to his father and received his power of attorney to take the child to New York. The father, who belonged to a large Italian family, was waiting on the dock to meet us, and took us to his sister's house for a grand family party. We were a pretty ragged bunch, the children and I, for clothes had been rationed in England for years because of the war. A kind woman in the New York subway heard me speak to the children and realised that we were immigrants, so she at once bought a colouring book and crayons and gave them to Frances. "You must be English," she said, "you poor things."

The Fellowship Ben had been awarded was for $3200, enough to keep us, and about what an assistant professor was earning in those days. We had landed with the clothes we wore and some boxes of books, and after paying our fares on the ship, we had about a hundred pounds, which in those days was worth $200.

We could not possibly afford another baby. I had two daughters, but I badly wanted a son. I wrote to one of

the early geneticists who had been working on separating spermatozoa by electrophoresis. The Y chromosome type, which produces male offspring, migrates to one electrode and the X chromosome type to the other when a weak electric current is passed. He wrote back and explained that if this was done, I would have a 50% chance of having a boy. Even now, the method has not been perfected. As it happened, my wish came true, and I did have a boy, to round off the family, as I thought.

Michael was born with Aries rising, although no one in the family had ever had this Ascendant. Like the rest of us, he had an angular Uranus-in fact it was almost exactly on the 4th cusp. As expected, he left home early and never came back, and has lived a most unsettled life. Aries rising combined with Neptune in the 7th house has given him a character which is creative and artistic, but not too well suited for an ordinary life. He has always wanted to write, and when he was very young, he used to invent stories to tell to his little brother and his sisters when they all went to bed. I approve of Michael for trying to live the life of a creative artist, but there is no doubt that it is difficult to do it and survive in the modern world. He decided to change his name to Max when he left home, which I am sure he thinks is more distinctive.

Politics and writing fascinated him and he worked on newspapers at college and afterwards. Law school seemed to offer a good background for many careers, but he would have none of it. When we urged him to apply for admission, he wrote a letter to the Dean which must be one of the most extraordinary he had ever received. It ran as follows.

To Dean of Admissions
School of Law
University of Maine
Portland

Dear Sir,

Since I know you are extremely busy, let me get to the point of this letter without any excess verbiage, superfluous hyperbole, unnecessary chatter or extraneous bullshit. Some thoughtless people probably write you long wordy letters whose ideas are like two grains of wheat hidden in a bushel of chaff; you have to search all day ere you can find them, and when you do they are not worth the effort. I, too, could do this. I could discuss why day is day, night is night, and time time. But to do so would only be to waste day, night and time. Therefore, since brevity is the soul of wit, I will be brief. I would like to be rejected from the University of Maine Law School.

Please do not feel insulted; this letter is not a fit candidate for the round file. I didn't want to send it to you in the first place, but because your school has no Director of Rejections, I had no choice. My parents wore rags for four years so that I could attend Pogo U.-i.e. the University of Maine, Portland-Gorham. They dreamed that I would go on to law school and become a rich and famous lawyer. But unfortunately I have no interest in this line of work, in fact I think that everyone in the profession is full of beans and hot air. But my parents want me to apply, and it would be most ungrateful on my part to refuse after all they've done for me. And if I do apply not only will I run the risk of getting accepted, but I will have to throw away $10 on the application fee. In addition, I will be handing your secretary a lot of work and hurting the chances of serious applicants.

As a 1972 graduate of Pogo U. I will undoubtedly receive many letters from the alumni association in the years to come, stating "Drop by our office real soon, even if it's just for five dollars." Indeed, I plan to give generously to my alma mater some day. But at the moment I am financially crippled, so the saving of ten bucks would be helpful. As the saying goes, "Ask not what you can do for your college, ask what your college can do for you." So I'm asking you to send me a rejection note in April, and to do it without getting an application form or a fee. Will you do me this favor?

Sincerely yours

The Dean replied, "In order to be accepted to the School of Law, one generally needs to have an honors average and an LSAT score in the region of 600. I hope this answers your letter satisfactorily."

The second letter ran as follows.

Dear Sir,

No, it doesn't. I'm not interested in how to get accepted, I want to be rejected, dig? My grade point average is around 3.3 and my LSAT score is 642. You might wonder why I continue to plague you for a letter of rejection when I could just as easily lie to my folks and tell them I've been turned down. Well, sir, I have nothing against lying when it suits my purpose. The only trouble is that my Dad would look me in the eye and say, "You little ninny, how could they refuse you? I bet you didn't even apply." My father, you see, is endowed with an uncanny ability to detect every lie that passes my lips: he has never failed. And in this case, he would be proved correct by inability to produce the rejection letter, the corpus delicti. So please just tell me whether or not you are willing to send me a rejection letter without making

are willing to send me a rejection letter without making me apply. No more responses like your last one, please. I've received more personal replies from a computer."

The Dean replied somewhat unkindly that he should see a psychiatrist. As you can imagine, Michael, like most of the family, has never got on too well with the Establishment.

He moved to San Francisco about five years ago. Here he is studying Chinese, living in Chinatown, going out with Chinese girls and dreaming about visiting the Orient. He is the most original one of the family, but sometimes I worry about what will happen to him when he gets old.

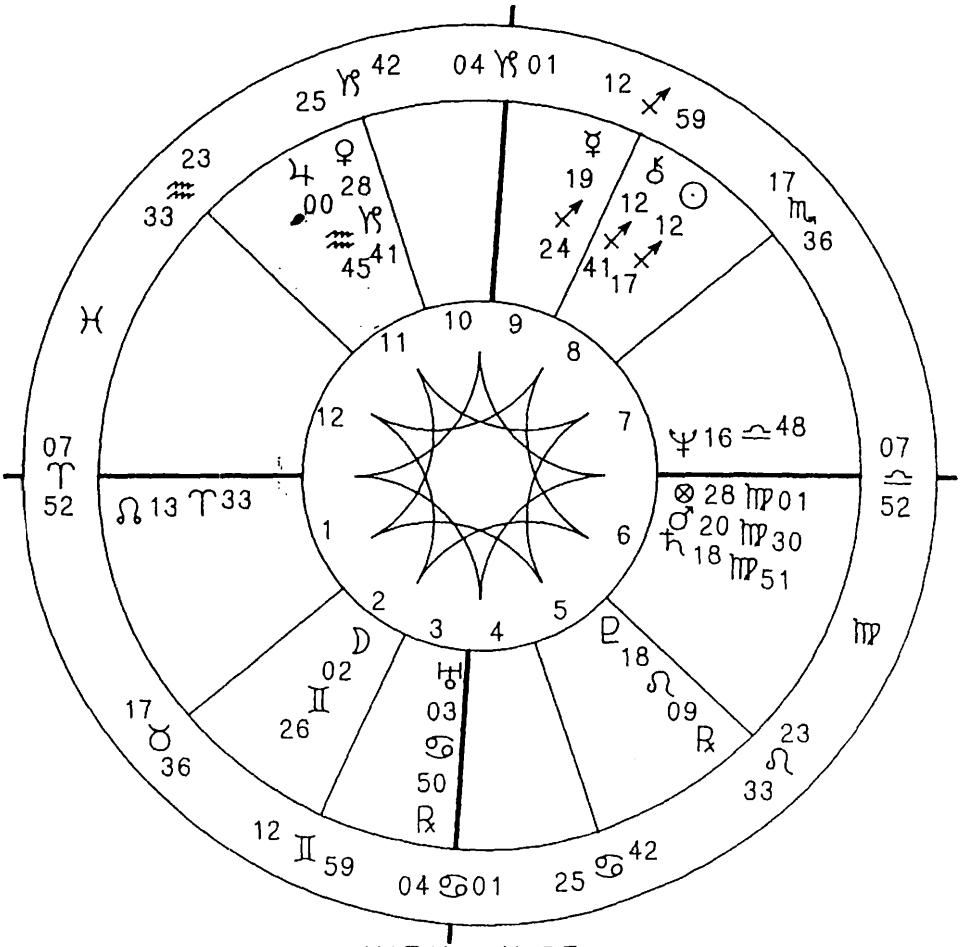
Michael, Dec.4,1949 1.15.08 p.m. Northampton, Mass 42 N 19 72 W 38

R.A.M.C. 274 23

	R.A.	Decl.	M.Do	S.A.	OA/OD	Pole
Sun	250 48	22N16	31 10	68 06	243 23	17 30
Moon	59 33	24N18	47 42	65 42	46 57	25 45
Mercury	258 20	24S41	22 08	65 16	252 26	12 37
Venus	301 24	23S04	36 11	67 11	310 22	20 06
Mars	172 06	5N40	82 28	84 49	176 51	39 50
Jupiter	303 06	20S33	36 54	70 03	311 08	20 28
Saturn	170 30	6N09	81 12	84 23	175 35	39 24
Uranus	94 10	23N39	0 16	66 30	94 06	0 10
Neptune	196 05	5S09	82 37	85 17	191 46	39 53
Pluto	143 17	23N04	65 30	67 11	159 40	33 31
N.Node	12 29	5N21	86 37	85 07	7 47	41 13
Fortuna	178 11	0N43	84 28	89 17	178 51	40 30
Vertex	182 50	1S31	87 07	91 23	181 28	41 23
Chiron	251 49	17S58	27 53	72 50	246 34	15 55

The M.Do contact between Michael and myself is through my Sun and his Pluto both in M.Do 65 30.

The contact with Ben is through the E.T. meridian. It is an antiscion contact (delta t of 21" plus 29" = 50" = 13' subtracted.) This brings Uranus to the I.C.



NATAL CHART

MICHAEL
4 Dec 1949 13h15m 8s EST
TOPOCENT 42N19 72W38

Persephone

I, too, have a myth. It is also a sixth house myth, and one of the most sorrowful.

It is related how the goddess Ceres had a beautiful daughter, Persephone. One day, she was gathering lilies and violets when Pluto, the Lord of the Realms of Death, saw her and fell in love with her. He carried her to his own realm, and there she reigned in his kingdom. Her mother Ceres grieved bitterly, and the crops on earth withered and died because of her grief.

I write this in the Spring. In my mind's eye I see Bronwyn, who had a delicate and ethereal beauty, gathering violets and lilies of the valley. The violets matched her eyes, and the lilies made a white wreath for her dark shining hair.

Pluto is the planet which brings us close to the eternal riddles of birth and death. In my chart, the Moon opposes Pluto from the eleventh house to the fifth, and both form a T square with Mercury in the eighth. Mercury rules the fifth house. Through the house position of Pluto, we have a clue as to the ways these experiences will come to us. In my case, it was through the fifth house, that most fortunate of spheres, which in the archaic language of astrology rules all of our creations, the most precious of which are our children. The eighth house is the natural domain of Pluto.

At those times in my life when I have been brought face to face with the realities of birth and death, this T square has been activated. Pluto made a square to the natal Moon-Pluto opposition on the day Bronwyn died, and a semisquare to his own birth position.

On the night of her conception, a very strange thing happened. We were staying with my grandmother in Yorkshire, and therre was no one else in the house but my aunt and my 86 year old grandmother, and the

house, solid and built of granite,stood apart from all other houses. On that night I heard a baby crying where there was no living child, and realised that I was hearing the baby just conceived, crying in the astral world. And well might she have cried if she knew what life would bring her.

Hence I happen to know the exact time of her conception, and wrote it down.

She had a short life, and severely restricted. She had congenital heart disease, and it was so extreme that she could not go out and play like other children, and was forced to live in her imagination, to create and to write, and later, when she grew up, to portray all grief and all joy to an audience, for she became an actress. She was a daughter of fire, and none of her friends guessed that the emotions she played on stage were her own.

My myth was linked with her genealogical destiny, for at the time of her conception, the Sun was in exactly the same M.Do as my natal Moon.

Bronwyn

Marcia always said that she was fey, and Marcia should have known, because if there was ever anyone who was fey in twentieth century America, it was Marcia.

Marcia Moore. One of the great pioneers of the coming Aquarian Age, which was going through its birth pangs in the late 20th century. When the history of the occult revival of this time is written, Marcia Moore will surely rank very highly.

Bronwyn first met her at the age of ten, when she had to have an operation on her heart. It was the hardest time in our lives. The operative mortality at that time was 50%, but there was no chance of her living without it.

We stayed in Boston with Laurel Lowell, an astrologer whose late husband was one of the famous Lowell family. My father came from England to visit, and Marcia Moore put him up in her house in Concord. He, a scientist, although accustomed to what he considered the very strange ideas of my sister Elizabeth, who had been an astrologer since she was thirteen, was amazed and enchanted by Marcia's life style, and by her extraordinary grace and charm.

Her home was a refuge for the homeless, and her husband Louis, only twenty-two at that time, seemed like another of the young people who gathered around Marcia like bees around a honeypot.

Bronwyn survived that operation, but she was the only child in the Boston Children's Hospital who did survive that kind of heart surgery during that month. Later, the surgical resident who assisted at her operation changed to another field, because "we are losing all these children," he said, "and there are 500 on the waiting list." The cardiologist who had carried out her catheterization was so depressed that he later committed suicide.

They were two of a kind, Marcia and Bronwyn,

curiously alive and vital, slight and graceful, with dark hair and eyelashes and the sea-blue eyes of the Celt. They did, indeed, seem fey, and they had an inner fire which set them apart from others as if they shared some secret about the purpose of life.

In Bronwyn's case there was a tremendous attraction towards Egypt. The Fine Arts museum is close to the Children's Hospital where we took her every year to see Dr. Alexander Nadas, one of the early pioneering pediatric cardiologists. Every year after her visit Bronwyn insisted on seeing the Egyptian exhibits at the museum, as if a memory, dim and persistent, stirred beneath her consciousness.

She had her second heart operation at the Mayo Clinic when she was sixteen. One of her heart valves did not function, and she was continuously in right sided congestive heart failure. The operation helped somewhat, for a time at least, and after leaving high school she was able to go to London and work with the La Mama experimental theatre group . "You cannot act, " she used to say, "unless you have experienced the pain of life."

A few years later Marcia married Mark Douglas, who was also a student of the occult. They moved to York Harbor, Maine, near enough for me to visit every week. They bought a rambling old house with about fifty rooms, right on the picturesque wild Maine coast. There they received guests from everywhere. I took Tam, my younger daughter, and Bronwyn to see them every week in the summer.

Just as my life was guided by a chance reading of "The History and Power of Mind", which had come into my grandfather's antique shop and been carried off to read by my grandmother, Marcia's life was influenced by some early experiences of her father. He helped found the Sheraton Hotel chain, and made a great deal of money.

For him this was not important, for in his youth he had known and admired Alice Bailey, the theosophist, who wrote many esoteric books. In Ojai, California, there is a place endowed by Marcia's father where people of like mind go to meditate and live amongst beautiful surroundings. It is somewhat of a magical place, with its own Deva (and for an explanation, you may read the Findhorn story.) Krishnamurti, the nearest human to bring an Avatar, lived there until he died in 1986.

Marcia, who married young and often (four times) was raising three children when I first met her. She was thirty-four, and her eldest, Louisa, was studying the cabala with a private teacher, which gives some idea as to what went on in that household. She was then introducing yoga to New England, and giving lessons in her home and in the prison. At that time Jess Stearn decided to write about her, and stayed for a while as a house guest, becoming more and more amazed at what was going on around him. Her young husband Louis spent some time each day standing on his head. They planted a grove of trees behind the house to be a sacred place, and Marcia would sit there almost naked in the winter trying to generate heat as the yogas of the Himalayas do. The house was decorated in shades of violet, and Hindu sacred pictures hung on the walls. Before I met her, she had lived for a time in India where she had met the man she believed to be her Teacher. There was always a faint perfume of sandalwood in the house.

After Marcia married Mark Douglas and moved to Maine, they wrote "Astrology, the Divine Science", one of the most comprehensive of the early American texts, and other books on yoga, reincarnation and astrological studies. She also began working with perfecting her technique of regression to past lives.

Of course we all helped her. Tam was only eight, but children are good subjects. It may be that the scenes which pass before the inward eye are only phantoms of the imagination, but they seem so vivid and so strange that it seems impossible not to believe that they are true memories. There is also a great deal of emotion associated with them. Tam went back in time to the funeral of Queen Victoria, and described how she rode through the streets of London in a carriage, dressed in heavy mourning. She knew things about the English Royal family which no American child of that age could possible have known. There are others doing this work now, but Marcia was one of the first.

Bronwyn went back, as I knew she would, to the time in Egypt where her karma began. Akhnaton, the Heretic Pharaoh, had defied the priests of Amen and moved his capital to Amarna, and she had gone with him. There were other lives, less exotic, but this was the one which echoed through her childhood dreams in Boston.

It may be dangerous to dredge up old memories. One must be very careful, and request that the material should not be harmful. Most people are helped, and Bronwyn was one of these. Like feathers in the wind the memories pass by, showing wrong pathways taken, and errors best forgotten. How did my golden daughter bear herself in those days? Death cannot be cheated, but in acceptance can come catharsis.

Eventually it became time for Marcia to move on. Packing everything she owned in a small station wagon, she left for Ojai and a new life.

The Buddhists say that Man has been given three great gifts, Work, Pain and Death. They are not usually perceived in this light. Marcia was determined to change that perception, and open the door to new understanding of the purpose of life.

There was a group in Ojai who had come together by chance-if there is such a thing as chance- and who found out when they were regressed that they had all been together in the past. It began with a nightmare in which one of them had dreamed that she was carrying a disembodied head in a pouch. When she tried to find out what the dream meant, she discovered herself living as Mary Shelly. She remembered that she had been at the party in Italy over a hundred years ago when Byron had made the famous proposal that they should all write a ghost story, and Mary Shelly had written "Frankenstein." The head was from a memory of a life in Atlantis when she and Marcia were together. They both worked as assistants in the anatomy lab to a mad scientist who was determined to create a perfect human being by taking pieces from people who had died, putting them together and trying to bring them to life. From this memory she created the character of Frankenstein.

The most interesting and worthwhile use of past life regression would be to discover the history of the human race before there were written records, a kind of occult archeology which went back to the days of Atlantis and before, if possible, and traced the source of civilisation. Marcia issued a quarterly bulletin, paid for with her own money and distributed to her many friends by mail, asking for anyone who thought they had obtained knowledge in this way to contact her. Some very strange material came out of her sessions.

"See if you can go back to a time which sheds some light on the interests you have today. I'm back in ancient China at the time of the beginning of the martial arts. I see a huge courtyard. It's large enough to hold two hundred people. There is a group of men here and they are all concentrating on the same thing. They perform a kind of dance where they spar with imaginary opponents.

They can continue for hours. All the dancers are students who wish to become monks in this order. It's a matter of life and death.

"I'm coming near the time of my testing. All right, I'll go forward to the time itself. The test lasts all day long. I get up before four o'clock and dress all in white. From four to six I sit in deep meditation.

"I am being ushered into a large building with stone walls. It has a huge square door eight feet high. The door closes behind me. As I step forward it is dark with faint shafts of light. I see what appears to be a path and follow it.There are traps set up which test one's ability to reason and think. Spears and arrows come at you. Knives fall from the ceiling. And there are pitfalls. I see the skeletons of students who have failed the test. I manage to make my way through this room and come to another door.

"I am in a brilliantly lit room. It is filled with various kinds of weapons - swords, daggers, spears and shields and so forth. I'm supposed to choose one of them. I have to look for the sign that will help me choose the right one. I pick up a shovel and pass into the next room. Again the door closes behind me.

"This place is dimly lit. It's full of scorpions. There are masses of scorpions on the walls and floor. The only way to get through is to beat a path with the shovel. I keep pushing them back, and finally work my way into the next room.

"This room is a small cube about eight feet high. There are four stone walls and no way out. One wall has two little portholes just out of reach. The only thing I can think of to do is to jump up and thrust my arms through the holes. I try it and there is a searing pain in both arms. But somehow my weight has activated a pivot so that the wall swings back.

"When I emerge I see that both arms have been

branded with dragons. I am now an accepted member of the order."

If new information could be obtained from past memories, they could eventually be fitted into a whole history. "What were you doing when Atlantis fell?" she asked me one day as I lay on the couch in her house. Something stirred in my subconscious, and answered for me. "I was in Central America gathering medicinal plants." "And when were you an astrologer?" "In Babylon, when we observed the stars rise and set, and foretold the fates of the royal children by noting the colour of the star which rose at birth. If it was red, he would be a warrior, if yellow, a priest." And once I saw Socrates teaching under a tree in Athens and knew that I had lived briefly then, and died in my early youth fighting the Spartans. "You were a famous hetaira, Marcia," I said, "and you had long black hair. And you were my cousin, and I used to bring my friends to see you when we were not fighting the Spartans." God knows where all these visions came from, but they seemed very real.

In Ojai, someone introduced her to ketamine, an anaesthetic which gives rise to altered states of consciousness. "I have found samadhi," she wrote, "and gained psychic powers."

Bronwyn's body finally broke down. She could not be saved, even by a third operation at the Mayo Clinic. She lost her will to live, for it seemed that valve replacements were only lasting about five years, and one of the house officers told her she would surely be back again to have another valve put in. In the end she gave up hope that she would ever be better, and then she died. Marcia, who believed that life was a hard school and the place between lives was one of great joy wrote, "I know she has earned happiness at last, but I wonder why I feel so sad." Four years later, she was to take the same road. She

disappeared from her house one night, and was never seen again. Mark told me that he knew that she, too, had found peace and gone to a wonderful place, where she was more at home than she ever had been in this hard world of ours.

Remembering Marcia

A Ballad of Life after Life

I see as through a swirling cloud
when Greece lived through her Age of Gold.
The Parthenon stood white and proud,
and none of us were ever old.
I fell in battle, dying glad
to save my brother by my side
and you, my cousin, Athen's pride.
I wonder why I feel so sad.

But long before the Golden Age
when men had learned the magic arts,
and wickedness brought on the rage
of Powers that seek to win men's hearts
Atlantis fell. O that we had
learned and remembered work undone.
For much was lost, and not yet won.
I wonder why I feel so sad.

In India on a dusty square
a temple shone with burnished gold
and held a jewel hidden there,
a priestess wreathed by serpents cold.
Their eyes, unblinking, drive one mad,
and yet she cradled them and sang
to drum beats and the scent of bhang.
I wonder why I feel so sad.

The Soul, through many times and lands
begins once more its life again
and we, old friends, may still join hands
for one more round amidst the pain.
To Marcia! Skoal! What times we had!
Your work is done. I do believe
you're glad to go, but still I grieve
and wonder why I feel so sad.

Prince, we have played the parts we had,
and now it's time for curtain call.
The wheel of Life must rise and fall.
I wonder why I feel so sad.

Wheels within Wheels

There are, as expected, exact contacts in M.Do between the charts of birth, conception and death, and with the charts of both parents. One or two were with the E.T. meridian. This was a triumph for the Topocentric System.

Conception, Aug. 1, 1951at 10.54.17 p.m. B.S.T. 54 N 14 0 W 35
R.A.M.C. 277 41

	R.A.	S.A.	M.Do	OA/OD	Decl.	Pole
Sun	131 15	63 06	47 53	145 11	18N03	36 27
Moon	120 13	51 28	39 24	136 02	24N10	31 17
Mercury	157 25	78 20	68 38	166 17	8N17	46 38
Venus	165 54	86 23	71 04	168 45	2N36	47 38
Mars	110 58	54 04	22 07	119 15	22N55	18 57
Jupiter	13 36	95 55	90	7 41	4N15	54 13
Saturn	179 48	86 33	85 23	183 04	2N29	52 49
Uranus	102 30	53 21	8 09	105 37	23N16	2 02
Neptune	196 21	82 45	88 28	189 13	5S12	53 44
Pluto	144 27	53 40	78 26	175 32	23N07	50 26
Fortuna	8 22	95 01	85 54	3 34	3N36	52 27
Node	342 57	79 50	73 35	351 15	7S15	48 37
Chiron	267 28	65 10	14 06	263 29	16S50	12 27

Death, Aug. 21, 1974 11.40.54 p.m. EDST 43 N 42 70 W 16
R.A.M.C. 315 02

	R.A.	S.A.	M.Do	OA/OD	Decl.	Pole
Sun	150 50	78 21	18 11	153 10	11N56	10 56
Moon	204 57	104 11	60 23	195 36	14S22	32 23
Mercury	156	78 30	24 02	159 03	11N47	14 20
Venus	131 21	71 10	4 39	132 18	18N40	2 50
Mars	167 36	83 55	34 56	169 58	6N20	20 21
Jupiter	346 32	82 57	34 11	349 12	7S19	7 51
Saturn	105 58	67 09	38 58	96 18	22N06	22 29
Uranus	203 08	98 48	62 02	197 05	9S05	33 23
Neptune	245 17	69 45	90	225 03	19S54	43 43
Pluto	191 23	77 26	65 30	200 30	12N50	34 50
Node	254 20	66 28	84 29	23219	22S40	41 55
Fortuna	131 19	71 51	4 39	130 24	18N03	2 50
Chiron	22 06	99 58	60 23	15 26	10N16	20 38

Jupiter at conception matched Neptune at death. This is probably the commonest aspect at death, and cannot be considered malefic. Of course the conception

chart is speculative, but seems the only possible one (of the 75 possible charts) in the time span of two and a half minutes before or after the observed time.

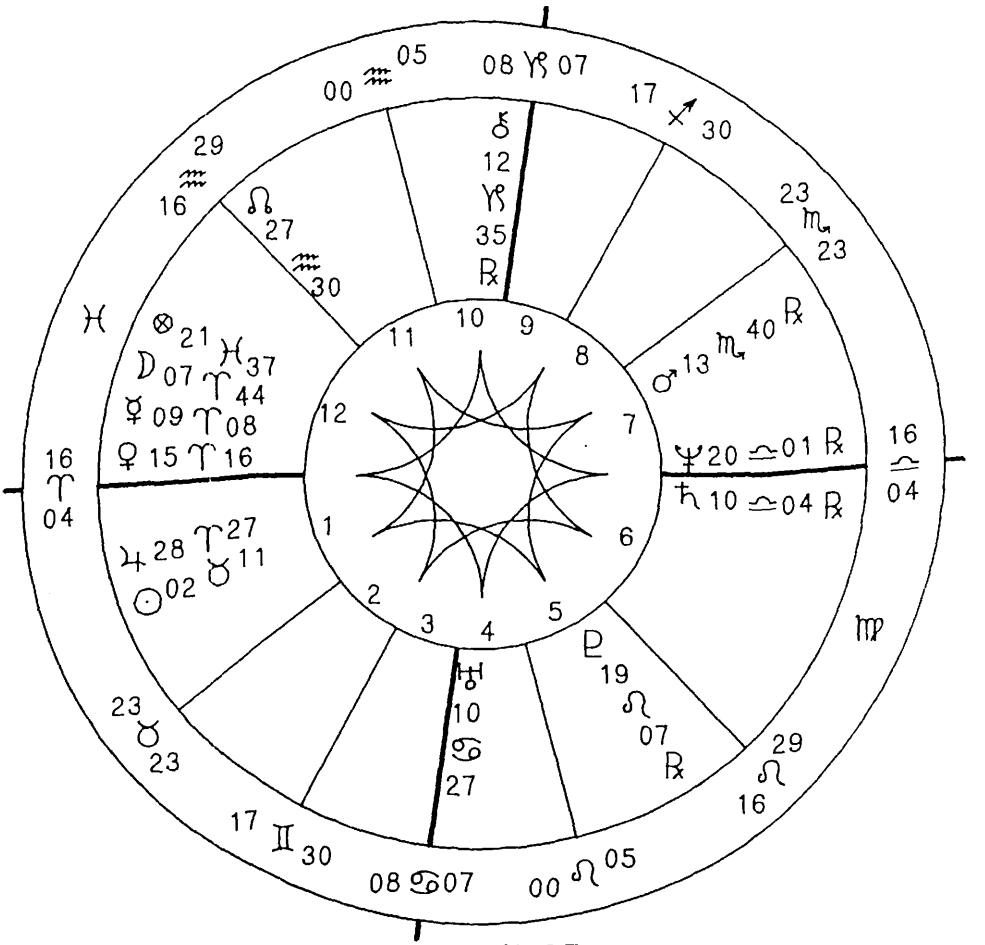
Pluto at death matched my Sun, from the degree of 5 Libra 16, squaring my natal Moon-Pluto opposition and transiting through my natal eighth house.So was my myth fulfilled, and the account with Destiny settled.

Bronwyn, April 22, 1952
at 4.17.36 a.m. E.S.T.rectified from 4.17 a.m. at
Durham, N.H.43 N 08 70 W 56

R.A.M.C. 278 50

	R.A.	Decl.	S.A.	M.Do	OA/OD	Pole
Sun	30	12N14	78 17	79 08	19 43	39 29
Moon	5 50	6N01	95 40	81 51	0 41	40 26
Mercury	9 01	2N10	92 02	88 11	7 02	42 33
Venus	14 39	4N38	85 39	88 27	10 22	42 39
Mars	221 31	14S53	75 35	68 15	210 39	35 24
Jupiter	26 48	9N58	80 31	80 31	18 20	39 58
Saturn	190 19	1S30	88 36	89 55	188 55	43 07
Uranus	101 24	23N25	66 05	3 30	102 18	2 04
Neptune	199 08	6S14	84 08	85 15	193 34	41 36
Pluto	144 37	23N44	65 41	62 44	161 16	33 08
N.Node	329 42	12S21	78 10	58 34	337 24	31 22
Fortuna	352 18	3S20	86 52	76 07	254 57	38 23
Chiron	282 54	16S12	74 12	4 55	283 45	2 56
Vertex	186 03	2S37	92 27	84 54	183 06	41 27

M.Do Sun ET meridian = Ben's Jupiter, Chiron = Ben's Sun
M.Do Venus = Margaret's Uranus.

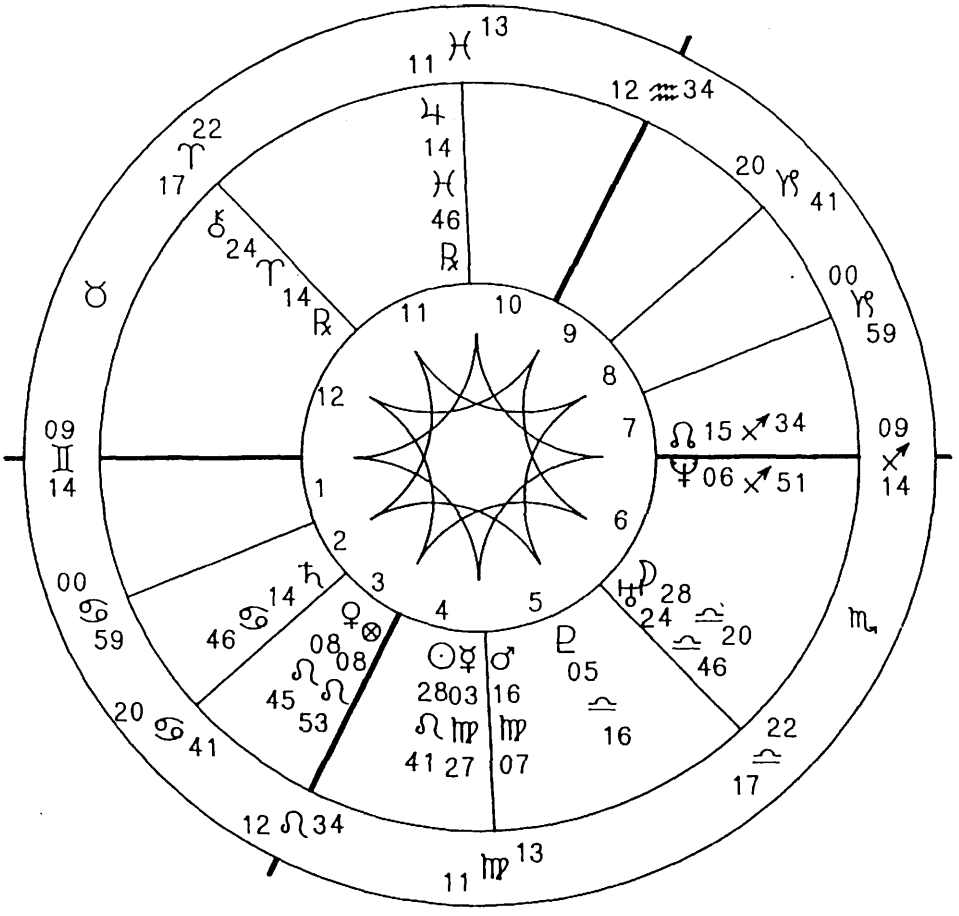


NATAL CHART

BRONWYN

22 Apr 1952 4h17m36s EST

TOPOCENT 43N 8 70W56



NATAL CHART

BRONWYN'S DEATH
21 Aug 1974 23h40m54s EDT
TOPOCENT 43N42 70W16

The Torch is Passed

Medicine is a jealous mistress. It gobbles up a whole life, for it involves not only the constant care of patients but also attending medical meetings and reading the literature which pours forth in a never-ending flood. At 65 I retired to let the new generation carry on. My youngest son Peter took up the torch.

At 22, after graduating with a double major in German and chemistry, he spent the summer doing construction work to earn some money and then set off to hitchhike to Bolivia. It took him three months to get there from Maine. Cochabamba in the Andes has a medical school, and he turned up at the door explaining hopefully that he was an American medical student and would like to work in the wards and live with the other students.

After seven months he returned and entered medical school, having decided that he would be a physician and work among the poor in some undeveloped country where they had few doctors and many patients.

My father's favourite hobby was nutrition, and I inherited an interest in it from him. Peter is an expert in his circle on both exercise and nutrition, and counsels his patients on both. Preventive medicine is becoming more and more important.

I do not know if he made the right choice, for he does not have the "signature" of the healer, Sun/Jupiter = Mercury = Midheaven, which I have, but he does have some extremely powerful planetary pictures including Jupiter/Pluto=Uranus. My father also had Jupiter/Pluto=Uranus=Midheaven. It brought him into the Royal Society and earned him the recognition of his peers as a first class research scientist. In Peter's case Uranus is in the seventh house, and my own feeling about him is that he could probably succeed in anything

he wanted to do. What he most wanted to do when his training was finished was to go to Nicaragua - the need is great and the government is trying against great odds to improve medical care - but by that time he had a wife and two small children. He chose instead to serve as a mission doctor in Zimbabwe for three years. Peter is a passionate pacifist, a Quaker, and has been arrested and briefly jailed for an anti- military demonstration. Ebertin gives the midpoint of Jupiter and Pluto as the axis of success, and the planet, if any, present at that point shows the greatest talent. What talent will Uranus in the 7th house bestow? I often wonder.

He is extraordinarily hardworking and conscientious, and an excellent problem solver, so he will be a very good physician.

The Scottish blood in the family comes out strongly in Peter, as one might guess from the prominence of the Capricorn- Cancer axis. My mother was a Cameron from Nova Scotia, and we once drove with the children when Peter was about four years old to look for the old family homestead. There was an old man in the village, and we asked if he knew where Joshua Cameron had lived. "Aye", he said, "but he's been gone for a time." (It was thirty years since he had died of a heart attack.) "Why do you ask? Are you kin?" Then he added, "Yon little lad has the look of the Camerons about him."

My mother's brother Fred was a marathon runner in the days before running became so popular, and he left the farm and went to Boston for the big race in 1910. As he had never run a marathon, he did not know that one should start slowly and get warmed up. In a 26.2 mile race, one cannot go all out from the beginning. He is one of the only two "rabbits" who has ever won the Boston Marathon, because by the time they stopped pitying him for his inexperience, he was too far ahead to catch. Fred

was not a Capricorn, but my grandfather Joshua had his Sun there, and my mother her Ascendant, as did my sister, and my Moon is there and my second daughter Katherine's.

There is an exact M.Do contact with Ben's Mars and Peter's Mercury. There is also an almost exact M.Do contact between Ben's Neptune and Peter's Sun. He is more like me than anyone else in the family, and my Moon and his Jupiter form the Genealogical contact.

Peter	Ben
R.A.M.C. 220 15	R.A.M.C. 254 51
R.A. Mercury = 302 57	R.A. Mars = 308 51
From R.A.I.C. M.D.= 97 18	M.D.= 54
S.A.= 112 16	S.A.= 62 19
Mercury M.Do = 78 00	Mars M.Do = 78 00

Peter	Margaret
R.A.M.C. = 220 15	R.A.M.C.= 231 44
R.A. Jupiter = 76 14	R.A. Moon = 276 25
M.D. = 35 58 (from 4th Cusp)	M.D. Moon = 44 41
S.A. = 67 22	S.A. = 83 40
Jupiter M.Do = 48 04	Moon M.Do = 48 04

There has been from time to time a question as to whether debilities and exaltations really mean anything. I think that they cause the planet thus set apart to express its energies either in the worst possible way or the best possible way. In the case of Jupiter in Gemini, there seems to be a lack of good judgement, and a feeling that things will turn out for the best even when the evidence is against it. In Peter's case, this softens the severity of the dominant Capricorn qualities. Also, the

fortunate fixed star Vega rises in his chart.

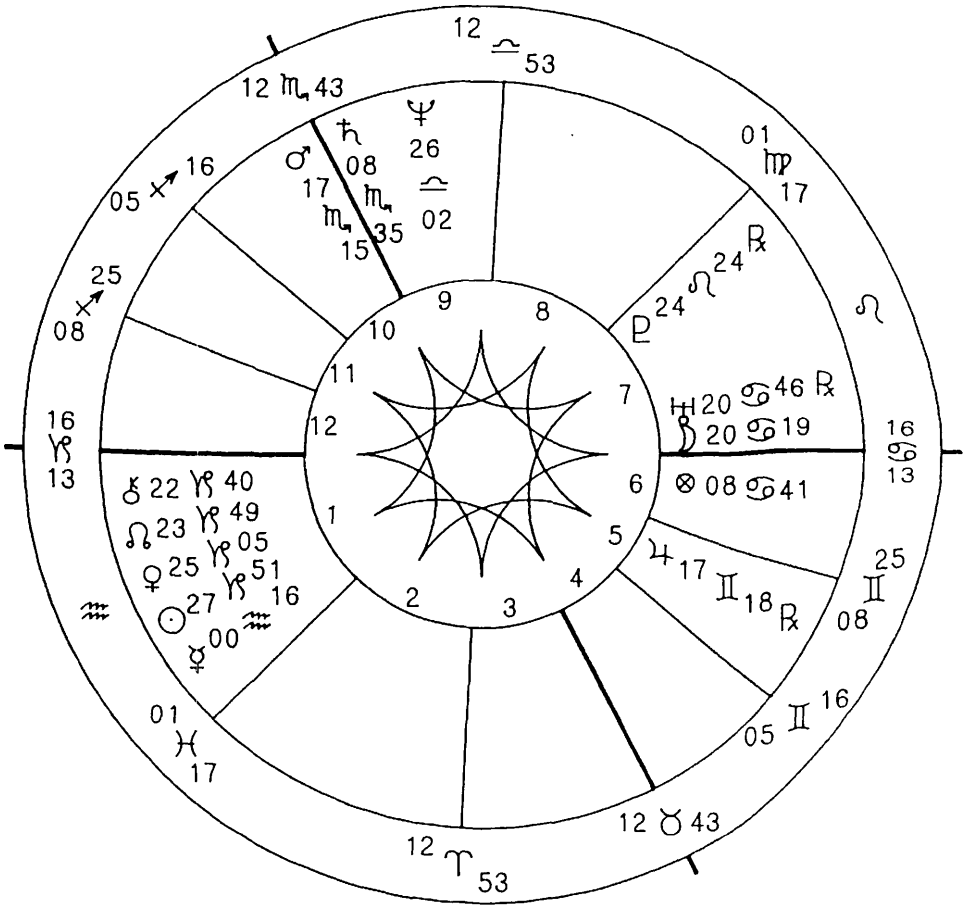
Peter is strongly Saturnine. He is a "political vegetarian." "What is that?" I asked him, and he explained that he was a vegetarian because animals are fed grain which otherwise could go to starving people.

He had a speech impediment until he was six, and was thought by our German au pair girl, who we imported when I was going through my anaesthesia training, to be a little backward. She suggested psychological testing, thinking it might be due to a lack of comprehension. Years later, Peter told me that he knew about this, and it bothered him a lot, but when he was six he read Erikson's book on child development and decided he was normal. The stutter disappeared after that.

He and his sister Bronwyn were very close in age, and almost like twins. He married a young woman, Emily, who, like Bronwyn, has Sun in Taurus and Aries rising, and perhaps he knew instinctively that she was the one he needed.

Peter, born Jan. 18, 1954 42 N 59 70 W 57
given time 6.35 a.m. rectified to 6.35.28 a.m. Exeter, N.H.
R.A.M.C. 220 15

	R.A.	Decl.	S.A.	M.Do	OA/OD	Pole
Sun	299 57	20 36	110 30	81 42	318 30	40 14
Moon	112 02	22 15	112 25	86 38	133 34	41 54
Mercury	302 57	22 08	112 16	78 01	322 08	38 56
Venus	297 13	21 56	112 02	82 46	317 24	40 24
Mars	225 06	15 57	74 33	5 51	226 05	3 27
Jupiter	76 14	22 26	67 22	48 04	88 05	26 27
Saturn	217	12 05	78 30	3 44	216 32	2 13
Uranus	112 32	22 20	112 30	86 10	134 03	41 44
Neptune	204 46	8 29	82 01	16 59	203 16	9 59
Pluto	150 18	22 49	113 06	55 40	164 20	29 58
N.Node	295 42	21 21	111 22	84 29	315 42	41 11
Fortuna	99 27	23 10	66 30	80 07	122 18	39 41
Chiron	293 20	15 13	76 17	85 43	307 34	42 32



NATAL CHART

PETER

18 Jan 1954 6h35m28s EST
TOPOCENT 42N59 70W57

Fourth Generation

I was there when Peter's son Cameron was born. He was named after my mother's family on account of two of her brothers. One was Wyman, who became a doctor, went back to the village when he graduated, and died within six months of the typhoid epidemic that swept Novia Scotia in 1915. The other was Fred, who won the Boston Marathon in 1910, was offered a full scholarship at Harvard, but turned it down and went back to the farm. Peter, too, is a marathon runner, and runs fifteen miles daily when he is in training. He beat his great-uncle Fred's time in the Boston Marathon, but competition now is much greater and running shoes much better than in 1910.

Emily wanted a home birth, because she had worked as a nurse in the maternity ward and did not like the methods used. Labour does not progress well when lying on the back trussed up in stirrups. In rural Maine they are still rather backward.

She was well cared for at the birth, for her friend, a delivery room nurse, was with her, as well as Peter and the physician who was conducting the delivery. I was there to record the time of birth with a stopwatch. Cameron, almost two weeks late, arrived on my birthday to my great delight.

He cried when his head emerged, but he was not yet born. The second cry was 24 seconds later, and then the cord was cut, but which was the astrological birth time?

The contact with Peter was between Cameron's Moon and Peter's Mercury, also Ben's Mars. The time was 1 minute 36 seconds after the cry, and as near as I could tell, it was when the cord was cut. My Neptune is 1 minute of arc from contact with his Saturn with the E.T. meridian. I will be trying to confirm it by Primary Directions as he gets older.

Maria was born two years later. Birth was at

Maria was born two years later. Birth was at 11:58.06, the first cry was at 11.58.35, and the cord was cut at 11.59.26. The M.Do contact with Peter is between her Uranus and his Sun. This makes yet another of the family with an angular Uranus. Her Neptune and my Sun have the same M.Do and Ben's Neptune shares the M.Do of her Uranus and Peter's Sun within one minute of arc.

Probably, as many astrologers believe, the astrological birth time is close to the time of the first breath or cutting of the cord, but not exact.

It is interesting to note that Cameron has the signature of the healer, Sun/Jupiter = Mercury, as I have.

His Jupiter opposes mine, and his Sun and Mercury are in the exact degrees. It seems likely that the family tradition of medicine will be carried on.

Cameron

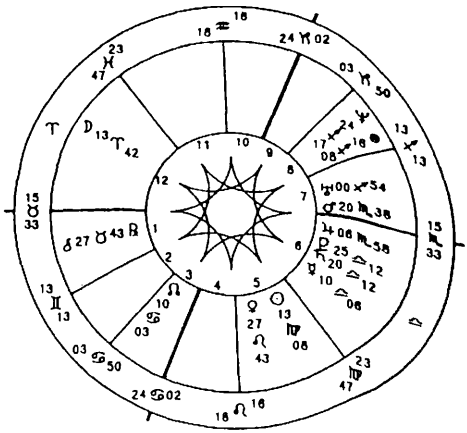
Sept. 5, 1982, 9:19:04 p.m. EDST, 44N53 68W40

R.A.M.C. 295 55

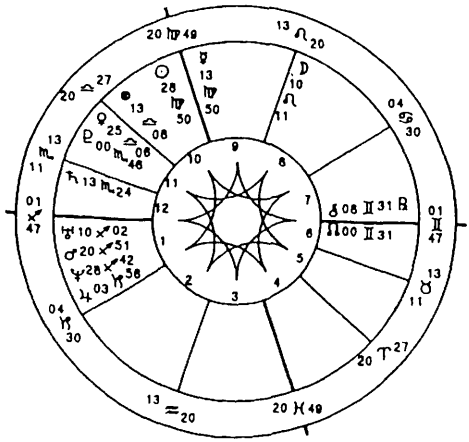
	R.A.	Decl.	S.A.	M.Do.	OA/OD	Pole
Sun	164 27	6 38	83 21	52 24	168 19	30 06
Moon	14 34	0 44	90 44	78 01	13 56	40 48
Mercury	188 19	6 15	96 15	67 42	183 37	36 50
Venus	150 18	13 19	76 22	40 31	156 23	24 08
Mars	227 52	19 03	69 53	87 38	208 18	44 07
Jupiter	214 57	12 56	103 13	70 36	204 37	38 41
Saturn	199 31	5 46	95 47	78 33	194 29	41 05
Uranus	238 47	20 13	68 29	75 05	220 58	39 44
Neptune'	263 49	22 03	66 13	43 38	252 32	25 47
Pluto	209 23	5 45	95 45	81 20	214 35	42
N.Node	101 02	23 50	63 54	20 58	95 09	13 04
Fortuna	254 55	22 43	65 22	56 26	239 46	31 59
Chiron	56 09	16 44	72 36	74 05	42 12	39 21

Maria
Sept. 21, 1984, 11:58:06 a.m. EDST 44N53 68W40
R.A.M.C. 171 34

	R.A.	Decl.	S.A.	M.Do	OA/OD	Pole
Sun	178 56	0 28	90 27	7 20	178 54	4 38
Moon	134 02	22 18	114 06	29 36	141 45	18 08
Mercury	165 46	7 53	97 56	5 20	166 14	3 23
Venus	203 24	9 21	80 34	35 34	207 07	21 29
Mars	259 53	25 22	118 11	69 49	281 22	37 41
Jupiter	274 17	23 30	115 39	60 09	291 06	33 39
Saturn	221 37	13 50	75 48	59 26	230 56	33 20
Uranus	248 24	21 57	113 39	81 42	269 46	42 07
Neptune	268 35	22 16	114 04	65 29	285 50	35 55
Pluto	21417	3 36	93 36	41 04	212 39	24 26
N.Node	58 21	20 16	68 26	86 34	79 03	43 46
Fortuna	192 05	5 12	84 48	21 06	193 20	13 33
Chiron	67 28	17 38	108 27	86 23	85 09	43 43



NATAL CHART
CAMERON
5 Sep 1982 21h19m 8ᵡ EDT
TOPOCENT 44N53 68W40



NATAL CHART
MARIA
21 Sep 1984 11h58m 8ᵡ EDT
TOPOCENT 44N53 68W40

An Unexpected Gift

My youngest daughter was a surprise to us all. I had finished my anaesthesia residence, and was trying to get fit. For two and a half years I had worked in the operating room for about eighty hours a week. The idea of specialty training is to be immersed in it continuously, so the habits of thought become so automatic that one can almost function in one's sleep. Anaesthesia is one of the high stress specialties, and the training is correspondingly comprehensive. The anaesthesia given must be enough to keep the patient comfortable and free from pain, but as little as possible so that the lungs, heart, kidneys, and liver do not have too much poison to deal with.

The anaesthetist does not live a healthy life. The hours are very long, and unfortunately, the fumes of the gas to which everyone in the operating room is exposed insidiously permeate the whole body.

Investigations of the incidence of birth defects among the progeny of anaesthetists have shown that even the wives of males are at risk, and among female anaesthetists the risk is much higher. I felt that when I finished my residency and was working more normal hours it was high time to get myself fit again.

A health club opened its doors, and I was one of the first members. My family went on a diet of wheat germ and raw vegetables, and I swallowed large amounts of B vitamins of every kind.

It was around my forty-sixth birthday when I realized I was pregnant. The Fates were generous, for Tamsen was big and strong and healthy, and as she grew up it became clear that she was also extremely gifted.

Her brother Peter, who was nine years old when she was born, taught her to read when she was four from the books of Dr. Seuss, and her sister Bronwyn played dolls

with her.

The Cancer-Capricorn accent from my mother's family shows up in her chart. She has Moon in Cancer (like my sister) with Cancer rising, and the Nodes are the opposite of Peter's and close to mine.

It is difficult to rectify Tam's chart. One must never rely on M.Do contacts for rectification, but only use them in conjunction with Primary Directions.

There are a few convincing ones with R.A.M.C. around 6 40. One is Saturn quincunx the 3rd cusp when her grandmother died. Another was when she faced a test of friendship. She knew that she would be severely punished if she stood by a friend, but she did so anyway. The aspect was Uranus square the 11th cusp. They were both suspended from school. There have not been enough events in her life to rectify it by P.Ds, and there is no R.A.M.C. which gives M.Dos in common with both parents.

We can perhaps deal with the problem by looking for Fixed Elapsed arc connections which are exact around this R.A.M.C.

There is one conspicuous one.

R.A.M.C. daughter 366 41
R.A.M.C. father 254 51
Difference = 111 50
Arc of age = 41 47
Total fixed elapsed arc = 153 37
O.D.Father's Jupiter = 175 40 plus arc = 329 17
O.A. Uranus of daughter 148 42
precession on Equator 35'

Uranus plus precession = 149 17. R.A.M.C. must be 6 41. The M.Do of Venus is then zero. It matches the charts of all family members, being the Ascensional Transit contact with their R.A.M.C.s

The sum of the delta ts at her birth and mine is 53' equating to the antiscion difference of 13' arc to be subtracted from her R.A.M.C. This brings it to 6 28, and with this R.A.M.C. her node and my Uranus are both in the M.Do. of 88 27.

The rectification must await future P.D.s as she gets older.

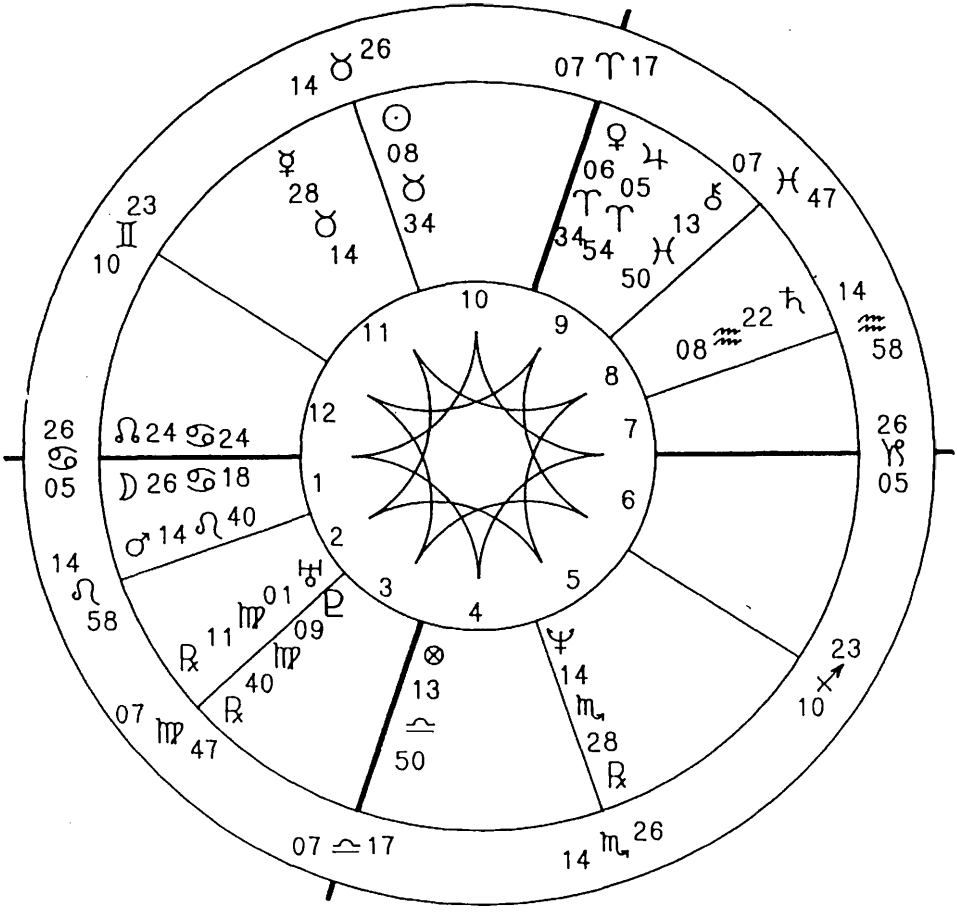
My sister looked at her chart when she was born, and said that she would be gifted in music and would probably be a chemist. She graduated with a double major in chemistry and neurobiology, and her career will be in medical research and teaching in a University. At present she is a graduate student working on recombinant D.N.A. Her grandfather was contented to know that one of his grandchildren was doing research on the frontiers of genetics. By cleaving chromosomes with enzymes, small fragments which contain a required gene can be obtained, and introduced into an ovum to give the offspring the desired characteristic. Her Ph.D. will be in biochemistry, which is going to be very important in the 21st century.

And she also plays the piano very well.

Tamsen

April 29, 1963, 10:42 a.m. rectified to 10:40:24 EDST
Portland, Maine 43N39 70W15
R.A.M.C. 6 41

	R.A.	S.A.	M.Do	OA/OD	Decl.	Pole
Sun	36 11	104 98	25 30	32 13	14 22	15 07
Moon	118 22	68 22	89 56	96 48	21 08	43 38
Mercury	55 20	113 12	38 41	45 35	22 26	22 18
Venus	6 41	91 04	0 00	6 41	1 07	0 00
Mars	137 48	71 26	61 35	125 13	18 28	33 08
Jupiter	5 52	91 16	0 48	5 52	1 20	20 0
Saturn	324 50	75 10	50 07	318 22	15 02	27 03
Uranus	153 31	78 31	38 01	148 42	11 47	21 57
Neptune	222 33	104 13	30 58	217 42	14 26	18 10
Pluto	166 43	68 55	26 04	160 48	20 40	19 26
N.Node	116 19	111 45	88 18	95 00	21 14	43 06
Fortuna	192 44	95 13	5 43	193 04	5 27	3 28
Vertex	252 03	113 11	51 59	239 07	22 25	28 23
Chiron	343 10	88 12	23 59	342 41	6 23	14 16



NATAL CHART

TAMSEN
29 Apr 1963 10h40m24s EDT
TOPOCENT 43N39 70W15

Time

Astrologers deal with Time. I do not think that the accurate forecasting of events is possible because of the nature of Time. The more we find out about it, the more mysterious it becomes. All we know is that it is the fourth dimension of our three dimensional world. We have length, breadth, height and persistence of being. It was Einstein himself who described the progression of everything that is through Time, travelling along World lines through Space-Time. It is generally assumed that the Universe is spherical. Do our world lines then always travel on the curved surface of a sphere? Is the conception of a line really true, or should the world line not also have depth? Undoubtedly! And the depth is another dimension of Time--the fifth dimension to us. But the passage of Time cannot be measured without an Observer. We have found five dimensions, but the dimension of the Observer-- which we cannot imagine--is the sixth dimension. It is mathematically necessary to have six dimensions to account for the phenomena of Happening.

Space-Time is curved. Matter distorts the curvature. Proof of this early idea of Einstein's was the bending of light rays as they passed near the Sun during a total eclipse. Gravity does not affect light, and they were bent because of the warping of Space-Time by the Sun. This means that our World line can also be bent. If it can be bent, it may finish up--and we with it--in a quite unexpected place.

And time is not absolute. Each of us has his own private time. This, again, is proved by the theory of relativity. It has been known that if we shot an astronaut into Space at a velocity close to that of the the speed of light, and returned him after a trip to a a star which was 100 light years away, the journey there and back would

have seemed to us to have taken more than 200 years, and yet the astronaut would have aged only 40 years.

At the level of particle physics, the laws of physics indicate no preferred direction of physical processes with respect to time, that is, under time reversal they do not vary. The laws of physics give no support to the idea that the present determines the future, rather than vice versa.

Converse directions are valid, and for the evaluation of an event by any astrological system,one must go back in time. This applies to primary directions, secondary directions, tertiary directions, solar or lunar returns and solar arc progressions. Alexander Marr has found the converse charts to be more valid for illness than the direct charts. Ascensional transits are also valid if taken backwards in time.

Peter, for example, was born when I was thirty-seven years one hundred and thirty three days fifteen fours five minutes fifty-seven seconds of age. I subtracted this time from my date and time of birth, and set up the chart for my birth place. There is an exact M.Do between this chart, of 1.23.33 a.m. April 26, 1879 and my chart, my Neptune being in M.Do. 78 27 and Uranus of the prenatal chart being also in M.Do. 78 27.

This might be a method of verifying a natal chart. Between Peter and his son Cameron there are twenty-eight years seven months eighteen days thirteen hours forty-three minutes and forty seconds. The prenatal chart is at 4.52 p.m. EST. on June 1 1925, giving an M.Do. contact of the Neptune of the converse chart equating to Peter's Saturn with a value of 3 44 with the E.T. meridian.

The prenatal lunar return is particularly valuable. An example that shows how it relates to illness and death is the timing of the death of the mother of President Ronald Reagan on July 25, 1962. The prenatal lunar

return, corrected for procession, fell on August 20 1859. Venus was conjunct both Mars and Saturn in 17 Leo in opposition to Reagan's natal Sun and square his natal Moon. This was quite appropriate.

Prenatal eclipses are also important. An eclipse occurred on Feb. 6, 1841 70 years before the attempt on his life on March 30, 1981. It was in 17 Leo 11, opposing his natal Sun. It reinforced another eclipse which fell on Feb. 4, 1981 in 16 Aquarius 13.

So time is very queer. Dr. Russell Targ of Stanford has an interesting suggestion. He invites us to suppose that the single direction of time with information flowing from past to future may not be a logical necessity but only a firmly based habit of thought. Perhaps an event producing strong effects after it occurrence may also produce a weaker effect earlier in time. A paranormal precognition may be such a weak effect, earlier in time than the event which produced it.

Jean Cocteau, a man of genius and a poet, summed it up when he wrote, "It is possible that Time is only a mirage of our defective senses."

Let us return to the World lines. Some very reputable cosmologists, among them Fred Hoyle, have suggested that there may be parallel Universes. In fact there may be an infinite number of Universes existing side by side. We travel along our World Line in one Universe, but perhaps, if Space-Time in our region becomes warped, we may momentarily slip into another Universe, one which is parallel and almost, but not quite, like ours. Possible we go "sideways" in Time, possibly "down" into the extension of the World line which is in the fifth dimension. In these other universes, everything which can possibly happen **has** happened, and everything that was and will be exists at all times. Only our own consciousness gives us the sense of time

passing, but this is an illusion.

Some people have reported experiences which seem to support this idea. For example, my daughter Bronwyn at the age of 20 was alone in a kayak paddling along the shore of Little Sebago Lake when she suddenly realised that the customary scenery was different. Little Sebago is close to Portland, and summer homes surround it. She became aware that there were no boats on the lake and no houses to be seen. The lake, she told me later, was as it must have been in the days of the Indians. The experience lasted for a few moments. Another well known story concerns Sir Victor Goddard, a Wing Commander in the Royal Air Force. One day in 1935 he was flying in rain and cloud in an open cockpit aircraft. He lost control, and was within seconds of a fatal crash, when, leveling out, he flew across the site of Drem Airfield, which in "his" time track was a disused relic of World War 1. Suddenly he seemed to be flying in bright sunshine, and he realized that the airfield below him was in use, for aircraft were lined up outside gleaming hangars.Then it disappeared as suddenly as it had appeared.

Goddard thought that this was an example of precognition for within a few years Dren was back in business, as the R.A.F. used it in World War 11. The aircraft were of the type he had seen during his brush with death. The hangars were different. Could he have been transferred sideways in time to another Universe where Drem airbase was still functional? There are many such stories.

Andrei Sakharov, the noted Soviet astrophysicist, has recently published an article postulating on mathematical grounds the existence of more than one time dimension in the physical Universe.

We return to the prediction of events, and I maintain

that because of the nature of Time, we cannot predict anything except in the vaguest terms. Sometimes we see an event which never happens. Sometimes an event happens which we do not see. Could these be the result of crossing a time barrier? There are stranger things in our strange Universe.

The Last Battle

Every honest astrologer knows that unless he or she has psychic powers, it is usually not possible to make any definite predictions from an astrological chart. However, I do watch eclipses, and was painfully aware that there would be an eclipse on July 20, 1982 in 27 Cancer 47. My father's Midheaven was 27 Libra 44 and Saturn and Pluto were to be conjoined in this degree on November 8, 1982. My father was very vigorous mentally, but it seems to me unlikely that he could last through this influence, especially as he was to be 91 years old in June 1982. I made a point of going to England to visit him for his birthday, and found him rather withdrawn. He seemed almost to have retired from life.

I was therefore not surprised to have a telephone call on Oct. 24, letting me know that he had just had an X ray which showed a growth in his stomach wall, and had retreated to his bed. I flew to England, and made the long train journey to the small village in Yorkshire where he had been born and where he had lived for the past nine years. He was very happy to see me.

His energies were withdrawn more and more, until he fell into a deep sleep which lasted for forty-eight hours, and then he stopped breathing.

All of us were by his side constantly, my half brother Erasmus, my stepmother, Olive, and I, and he died in his own bed with a coal fire burning in the grate, instead of in a hospital. Which was just as it should have been.

There is an M.Do match between Mercury at birth and the Moon at death, both being 64 54. But there is another far more important contact.

We have considered two kinds of contact, the M.Do and the Fixed Elapsed.

There is another, which is very rarely found. It is

only present in the charts of those who have made a significant contribution to Society, such as great scientists, artists, writers, military men, or great political leaders. It is, in fact, a mark of those who affect posterity, and it is suprapersonal. It is based on pure arcs of time.

One must add to the Fixed Elapsed arc the cyclic motion of 0 59'08.33" for each 365.2422 years.

My father lived for 91 years 4 months 18 days, a cyclic arc of 14.79 minutes of arc. The arc we need is the Fixed Elapsed are plus this arc of cyclic motion.

R.A.M.C. death =278 47
R.A.M.C. birth =205 45
Difference = 73 02 Arc of age = 90 03
Total fixed elapsed arc = 163 05
Add cyclic arc of 15'
Total arc = 163 20.

Pure arcs of time are measured from 0 Aries. The arc we have found is 163 20. Is there any OA/OD point of the death chart which matches it?

Indeed there is. The Moon at death held an OD of 163 20. My father was a great scientist. What more appropriate symbol could mark his passing? Of course, it had to be the Moon -- the mother of us all--for one whose life's work was to feed the hungry people of the world.

There was no M.Do. in common with me at the time of death. But there were contacts with two of the family a few seconds after death - and they were the only two.

Elizabeth Kubler Ross, the physician who works with the dying has said that when the soul leaves the body, it is met by those who have gone before.

My sister died in 1979 . Her Moon had an M.Do. of

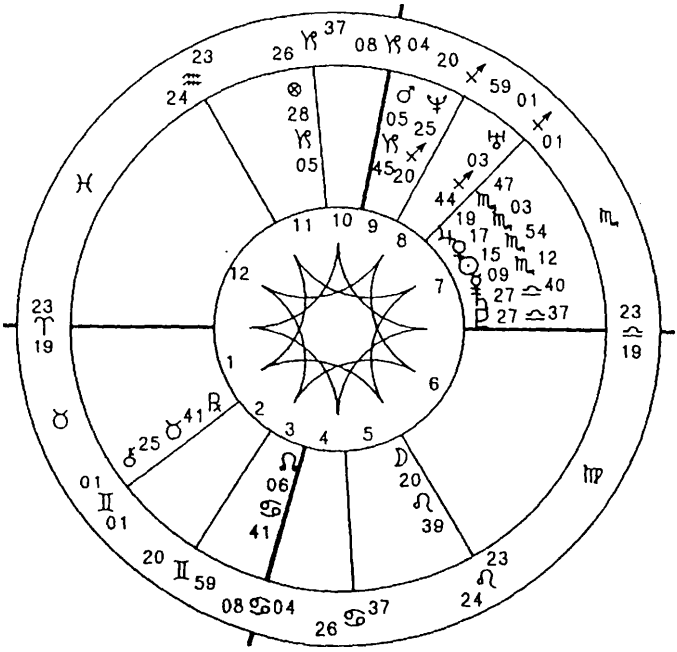
62 43--the same as Pluto twenty-eight seconds after death.

And Bronwyn, my daughter, the favourite grandchild, who had died in 1974, had M.Do Pluto at 63 43.

Elizabeth Kubler Ross would say that they were there to greet him. And so may it have been!

S.C.Harland, Death Chart
Nov. 8, 1982, 0W35, 54N14
3:27:32 p.m. Snainton, Yorks
R.A.M.C. 278 47

	R.A.	Decl.	S.A.	M.Do	OA/OD	Pole
Moon	144 16	18 04	63 05	64 54	163 20	45 01
Pluto	211 31	4 48	96 42	62 36	216 10	44



NATAL CHART

S. C. HARLAND DEATH
8 Nov 1982 15h27m32s GMT
TOPOCENT 54N14 0W35

The Integral Chart

One of the unsolved problems of astrology deals with the achievement of fame by one whose chart does not seem particularly outstanding, and the lack of it in another whose chart seems to promise great renown.

This has been addressed in different ways. Hindu astrologers have a system of "yogas" which, if present promise good fortune and a high position in society. Degree influences have been invoked, and certain fixed stars, especially if rising or culminating, confer fame according to their nature. Many planets in dignity are said to mark out charts for success, yet those born on the same day who also have many planets in dignity may never achieve much. Harmonic analysis has also been used, and those who become famous or successful in a certain field must have, according to those who use this method, the appropriate harmonic prominent in the natus.

The problem has never been satisfactorily solved. The Topocentric System addresses it in quite a different way.

The chart is considered to be in truth three charts, the other two being derived from the normal natal chart. The three charts are put together and contacts are found between them. Nelson Page called them "bridges" Those who have a great many bridges will bring their potentialities into actualities, and make something of their lives. An example will I hope, make it clear.

The three charts are called the Tropical, Fixed and Temporal.

We have seen how the OA/OD points of the tropical chart can bring events into manifestation when we considered the genealogical contacts between parents and children. The Fixed and Temporal charts also have their own OA/OD points.

The Fixed chart is based on the permanent attraction

of the native to the Sun, our Fixed Star. From the R.A.M.C. is subtracted the OA or OD of the natal Sun. The arc thus obtained is added to all the natal OA/OD points to obtain the OA/OD points of the Fixed Radix. This chart is the one to be used in studying interpersonal relationships.

The Temporal chart refers to suprapersonal relationships. It is calculated by adding the R.A.M.C. to all the OD/DO points. The arc is, R.A.M.C. minus 0 Aries.

When all points have been calculated, it will be found that alignments occur between the three charts, where OA/OD points of one chart are close to those of another. They are bridges between plane and plane, through which we can contact higher energies.

My father was one whose life made a difference to society. There should be significant alignments, and, in fact, there are.

The most significant contacts are as follows:

1. Since he achieved the honour of being elected a Fellow of the Royal Society, one would expect this to be shown by a contact between the planets or house associated with his work in the world - the stellium in Gemini in the sixth house,that of natural science - with the Fixed chart. The stellium in Gemini has an alignment with Jupiter in the Fixed chart.

2. Tropical Chiron , the Healer, is in close contact with Fixed Fortuna. My father always wanted to be a physician but there were no scholarships given to study medicine in those days. He compensated through his children. My brother and I became physicians, and we, the family group, are represented by Fixed chart contacts.

3. Tropical Saturn has an alignment with the stellium in the Fixed chart of Pluto, Venus, Node, Neptune, and

Mercury. His life's work was accomplished in spite of many obstacles. Much was lost by moving from country to country.

4. Tropical Uranus and Fixed Sun show the genius of the man, whose originality and scientific creativity owed much to the flashes of insight Uranus brought. A college friend once said that his brain seemed to shoot off sparks constantly.

5. Moon in the Tropical chart aligns with Saturn in the Fixed. There were many emotional disappointments, and it is to be noted that the Moon is in Scorpio, one of the most lonely positions. He was separated from his mother in infancy because he had to stay in the hospital for many months while his club foot was treated. His first marriage failed, although his second was a brilliant success and made up for the other disappointments in his life. He was separated from his children when they were very young.

6. Uranus in the Fixed chart aligns with Pluto, Venus, Node, Neptune and Mercury in the Temporal chart. The effort to breed new varieties of plants was successful.

OA/OD Positions of the Three Charts

Tropical	Fixed	Temporal
Fortuna 57 10	Jupiter 75 56	Saturn 14 44
Pluto 76 10	Fortuna 140 59	Uranus 51 24
Venus 79 46	Pluto 160 01	Moon 96 06
Node 81 55	Venus 163 35	Jupiter 197 55
Neptune 85 42	Node 165 44	Foruna 262 58
Mercury 90 07	Neptune 169 31	Pluto 282
Sun 122	Mercury 173 36	Venus 285 34
Mars 131 50	Sun 205 48	Node 287 43
Chiron 137 03	Mars 215 39	Neptune 291 30
Saturn 168 56	Saturn 252 45	Mercury 295 55
Uranus 205 36	Uranus 289 25	Sun 327 47
Moon 250 18	Moon 334 07	Mars 337 38
Jupiter 352 07		Chiron 342 51

The Ghost in the Machine

Recently I took a course in Philosophy, and was introduced to the "ghost in the machine" concept. At the end of all these calculations which I have put together to show the mathematical basis of astrology, I am beginning to feel just like this "ghost in the machine".

I had a quite unusual upbringing. My father was teaching at the Imperial College of Tropical Agriculture in Trinidad. When I became ten there were no schools for white children on the island. We did go to school for a year in Canada when our parents went around the world on a plant-collecting expedition. My sister and I (at ages 8 and 9) were left in Nova Scotia with our grandparents on the farm. We walked to the small village schoolhouse every day except in winter when the snow was so deep that only the tops of the telephone poles stuck out, and then grandpa hitched up the horse to the sleigh, wrapped us in fur rugs, and drove us. There was a wonderful toboggan run down a steep slope on the farm, and winter was the best time of year, except for the days in summer when we went on all-day family expeditions to pick buckets of raspberries, or rode on top of the hay wagon pulled by the horse.

Otherwise our education was taken care of by a young black woman who came in every day to teach us to write and do sums. My father had taught me to read when I was four, and I read all his books, although they were few in number, and most would not nowadays be considered suitable for a young child. He loved H.G. Wells, and as well as *The First Men in the Moon* and *The Time Machine* and his other science fiction stories I read *God the Invisible King* and other such difficult and abstruse works as were found in the library of a scientist in those days. I also had a complete set of the *Children's Encyclopedia* of my own. But as our education only took

about an hour a day, we were free to run wild on the sugarcane estate with its acres of gardens and fields, a small stream, rocks and caves, and all kinds of interesting insects to play with. I once seriously considered becoming an entymologist, but there did not seem to be any openings for women in that field in those days. I collected butterflies and raised caterpillars in shoe boxes in my bedroom, and sought for flowers and drew pictures of them for my nature diary. I trap-nested the hens and recorded in a notebook how many eggs each hen laid every month (they had metal rings with numbers on their legs) and played with our pets, rabbits, guinea pigs, and more exotic creatures such as an anteater and a six foot long boa constrictor which I wore wrapped around my neck. "Like a boa" I said smugly.

My father had collected an entourage of young men out from Oxford and Cambridge who were studying tropical agriculture. They went on beach picnics with us, or to the cocoa plantation on Sundays when we went up the Cowra Valley to a swimming hole on the river. His lab assistants were very carefully chosen for their intelligence, as he made them all take tests before he hired them. Our favourite was Olive, whom he later married. They had met by chance. He and my mother, shepherding my sister and myself, had been shopping in Port O' Spain, and were tired and hot when we walked into a teashop-boutique. It was five, and they were closing. "The children are hungry," he said. "Surely you can get us something." The manageress was about to refuse, but Olive happened to be in the boutique helping out. "I can make them some tea," she whispered, "and I can get some little cakes and serve them." "All right." As it happened, my father was looking for lab assistants, and next day he sent his secretary to the boutique to find the resourceful young Chinese girl and bring her to the

lab for testing. She scored highly, and as she happened to be an artist and did flower paintings, she became a unique botanical illustrator for his scientific papers.

This life ended in 1926. My mother became very ill with pernicious anaemia, and we had to go on a ship to England. Minot and Murphy in Boston had just published their work on treating pernicious anaemia with the "missing factor" which they had discovered in liver. At St. Bartholomew's Hospital, my father announced that he had brought his wife to have liver treatment, and she was actually the first person in England to be saved from dying of this disease. She had to swallow half a pound of liver daily, ground up raw and wahed down with hydrochloric acid. In the end, she lived to the age of eighty-five, and died after she fell and broke her hip.

The problem of our schooling became pressing. My father decided that A.S. Neill's school, Summerhill, might be a good environment for us with our background. He had to visit it himself to make certain. When he knocked at the door, he was astounded to have it opened by a young person who was competely naked. "Good God!" said my father. The young person looked at him very severely, and replied with dignity, "Surely you know that there is no such thing!" We did not, after all, go to Neill's school.

The Friend's School, Saffron Walden, offered a co-educational system with an accelerated program, and this proved to be ideal for us.

My father had some very definite ideas about how civilised people should bring up their children. He considered that everyone should be fluent in at least one foreign language, should be well grounded in history, and should be able to play a musical instrument. Later, I accepted these ideas when I was bringing up my own children. Fortunately, they inherited the family aptitude

for languages. Frances speaks Russian and Polish Katherine, who had a year of school in Switzerland speaks French and German; Max speaks Italian and Chinese; and Peter and Tam speak Spanish and German This has greatly helped in travelling, for there is nothing as frustrating as being in a country where the language is utterly strange.

I went to Berlin for a year when I left Saffron Walden and was caught up in the Nazi movement. The Von Bulows, an aristocratic family who had a few boarders looked after me, and they were National Socialists. As Jung says, the power of the collective unconscious can sweep an otherwise rational person into a movement, and they lose their individuality and become one with the movement. They took me to the Sportspalace to hear Hitler speak, and I was caught up with the crowds who packed the huge building to overflowing, and became a different person. As sparks leap through dried grass, spreading the flames from one spot to another, the revolutionary songs arising from fifty thousand throats set the audience on fire and moved me almost to tears. It was pure theatre: the flags and the uniforms and the torchlight processions, and the songs flung from one marching band to the next, and above all the comradeship, and the feeling that we were making history (as, indeed we were, although not in the way we expected) was something that has not been seen in the world since. I joined the Hitler Youth, and wore the uniform.

One thing which appalled me was the treatment of the Jews, which I protested in my own way by going into every Jewish shop on the way to school after a boycott had been announced. We had one Jewish girl in our class, and I went out of my way to be friendly.

Shortly afterwards, Hitler was made Chancellor. I will

never forget the torchlight procession like a river of fire sweping down Unter den Linden on January 30, 1933, when he stood on the balcony to receive the applause of the crowds. I was with a Storm Trooper who protected me from the horses of the police, and made sure I was not knocked down by the excited mob.

Those were violent days, and the movement had its martyrs. Many nights I woke to hear the sounds of shots exchanged between the Red Front and the Brownshirts. Those who died in these battles were buried with military honors, muffled drums, and brass bands playing the *Horst Wessel Song*. There were weekly meetings for us, and outings where we marched for hours, sleeping in some barn and cooking over a camp fire. I remember marching with the Hitler Youth carrying a banner and singing a very old song, which I later found out had been sung during the Peasants' Revolt in Germany in 1524.

My National Socialistic fervour left me when I left Germany. I went to Russia with my father and changed my political opinions. In London the next year I used to go to anti-Nazi rallies where the speakers were so persuasive that I felt obliged to give them all the money in my pockets and walk home because I did not have the bus fare. No one could say that I took politics lightly.

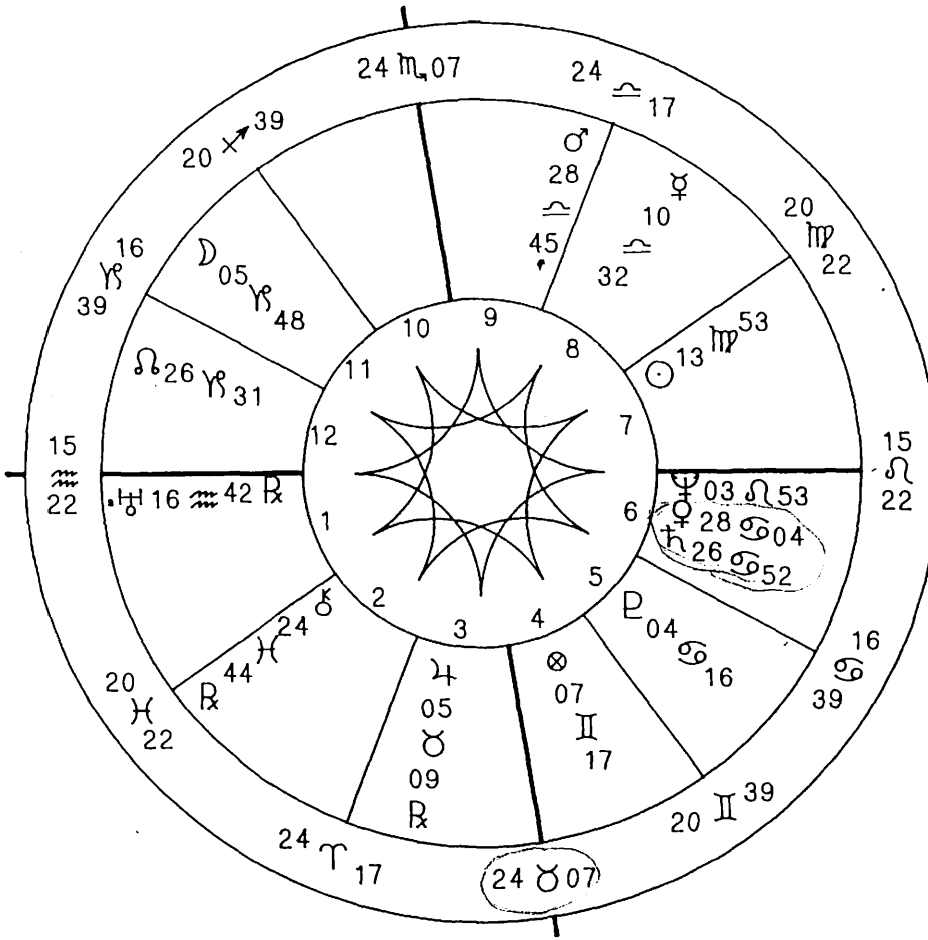
I was shortly to enter the University as a medical student. My childhood finally ended, and responsibility began. There is no time for play in the pursuit of medicine.

The war was to break out three years later, and the life we had led was to be swept away forever. I spent a few days at the end of August 1939 with my father who was in Edinborough attending a meeting of geneticists from all over the world. Some of father's friends who were there were: Nobel Laureate H.J. Muller from Indiana, Lancelot Hogben, R.A. Fisher, who first worked

out gene translocation and J.B.S. Haldane, the most famous and versatile scientist in England, who studied physiology by doing experiments on himself. I left on September the first to hitchhike down the Great North Road to London. They were digging trenches in Hyde Park, and setting up anti-aircraft guns. I had just got back to Bristol when we declared war on Germany, and I did not see my father again for nine years.

Margaret
Sept. 6, 1916, 4:29:31 p.m.
St. Vincent B.W.I., 13N10, 61W14
R.A.M.C. 231 44

	R.A.	Decl.	S.A.	M.Do	OA/OD	Pole
Sun	165 09	6N21	91 29	65 30	166 14	9 37
Moon	276 25	25S16	83 40	48 04	279 47	7 05
Mercury	188 50	6S08	88 34	43 36	188 08	6 28
Venus	119 33	17N42	85 43	71 12	122 56	10 29
Mars	206 39	11S12	87 21	25 50	205 53	3 50
Jupiter	33 21	11N52	87 11	118 58	32 46	2 49
Saturn	118 54	20S46	84 55	71 11	122 55	10 29
Uranus	319 22	16S32	93 59	88 27	323 17	12 57
Neptune	126 09	19N03	85 22	78 27	130 11	11 32
Pluto	94 29	18N31	85 30	45	96 43	6 39
Fortuna	65 28	21N32	84 42	14 36	66 19	2 10
N.Node	298 32	20S52	84 53	70 50	302 32	10 26
Chiron	353 17	10S24	92 28	56 53	354 50	13 10



NATAL CHART

MARGARET

6 Sep 1916 16h29m31s AST
TOPOCENT 13N10 61W14

Chiron

Except for some discrepancies in the position of Pluto, there do seem always to be M.Dos in common between the charts of children and parents, and nearly always between the charts of brothers and sisters. The contacts with the Arc Elapsed are not always present. Probably there are several factors that have not yet been recognized. Chiron may be one.

There are many zodiacal contacts with Chiron in family relationships. My youngest daughter has Chiron in 13 Pisces 50. This is very nearly an exact opposition to my Sun in 13 Virgo 53. My second daughter has Chiron in 24 Scorpio 07, conjunct my Midheaven at 24 Scorpio 07 and her sister's Ascendant. My oldest son has Chiron in 12 Sagittarius 41. His father's Sun is in 13 Sagittarius 05. Ben's Chiron is in 6 Aries 12 close to Tam's midheaven and Venus.

As far as M.Do contacts are concerned, Chiron in Bronwyn's chart forms an exact M.Do with Ben's Sun.

Both the mean Node and Fortuna, which both depend on the Sun and Moon, seem important in family contact.

There may also be contacts with the Vertex, but so far, I have found none in my family.

Chiron is thought by some researchers to be prominent by transit or progression at death. A letter in *Mercury Hour* pointed this out, and the writer said that there were always contacts of Chiron with a personal point at the time of death. Marcia Moore died on a Chiron return, and Chiron was involved in a Grand Trine in her chart. As the legend tells us, Chiron was immortal, but was grievously wounded by an arrow shot by Hercules and intended for another. The wound would not heal, and in great pain he longed for death, and offered to die in place of Prometheus.

When my father died, transiting Chiron was near my fourth cusp but not within one degree. It was just over 2 degrees before the opposition to his natal Moon, which I do not regard as close enough to be valid. Progressed Chiron was with my sister's natal Saturn, but she had died first. My brother's chart had no contact with natal, transiting or progressed Chiron.

Chiron was a healer and does seem to be associated with physicians.

Another factor at present unknown could be the twin star of the Sun. Two teams of scientists working independently have postulated that the extinction of many species, for example, the dinosaurs, could have occurred because showers of comets entered Earth's atmosphere about 26 million years ago and caused a "nuclear winter." All vegetation would die in such a catastrophe, long lasting clouds of debris would darken the Earth's surface, and the temperature of the seas would fall, killing plankton and disrupting the food chain in the oceans so that animals would have nothing to eat. And before this--in fact about 26 million years earlier according to geological evidence-- a similar shower of comets entered the atmosphere. This could be caused, say some astronomers, by an unknown star circling around the Sun in a double star system and drawing showers of comets from the outermost regions of Space. A collision of Earth with one massive comet would be enough to set the whole process in motion.

Evolution would be changed, because the extinction of the great reptiles would allow mammals to emerge, so without the star we probably would not be here at all. It would have to be a red dwarf, otherwise it would have been discovered by our telescopes before now. At present it must be two or three light years away. This interesting hypothesis may soon be proved, as a massive search is

underway for the the star, provisionally called Nemesi Actually it should be called Shiva, after the Hindu go who is simultaneously the creator and destroyer worlds.

The gift of a chunk of rock to the astrophysicist an Nobel Laureate Luis Alvarez was the clue that led to th Nemesis hypothesis. The geological layers were ver clearly marked in this particular specimen. Chemic tests showed that iridium in the rock was undetectabl just before and after the dinosaurs became extinct. In th half inch of the area in between, marking extinction, rose to 10 parts per billion. Iridium is found i association with meteors. Alvarez realised that a hug extraterrestrial body, probably a comet, must have struc Earth at the time the dinosaurs became extinct. Th fossil record showed that this was not an isolate occurrence, but was part of a predictable cycle recurrin every 26 million years.

I do not use the hypothetical Transpluto, but it o other factors might be significant.

The Solar Return

According to Nelson Page, all the important events of the year can be read from the solar return. He considers both the tropical solar and the precessed solar return, as used by the siderealists, to be valid. The precessed solar return is compared with the radix in the same way that a suprapersonal event (like the birth of a child) is compared, as described in earlier chapters. That is, it is necessary to use the elapsed arc of all the time that has passed between birth and solar return. (As on page 26.)

The method is difficult, but I will describe it for those who are willing to give it a trial.

The solar return is set up in the usual way, the correction for nutation, here minus 7 seconds, being used. I will demonstrate Bronwyn's last solar return, which preceded her death by four months. The latitude and longitude were not in question, as she was in hospital in Portland with acute haemolytic anaemia, a break-down of red blood cells triggered by bacterial endocarditis.

The significant contact is that between the Moon of the solar return and natal Pluto. As the Moon rules the natal 4th--the end--and Pluto in Leo occupies the 5th house natally, and she died of heart disease, the significators are appropriate.

The R.A.M.C. of the precessed return is 149 18 and when the difference in nutation between birth and this return, 7 seconds of time or 2' arc is subtracted, the R.A.M.C. is 149 16.

R.A. Moon = 36 32 M.D. Moon = 67 12

S.A. Moon = 71 58 (decl. Moon is 17 59)

M.D./S.A.x tan lat. Portland (43 39) x tan. decl. Moon = sin A.D, which is 16 48.

As the Moon holds N. declination and sets, the A.D. is added to the R.A. and the O.D. of the Moon is 53 20.

R.A.M.C. solar return = 149 16

Add 360 degrees = 509 16
Natal R.A.M.C.= 278 50
Difference = 230 26
Add arc of age = 21 41
Total elapsed arc = 252 07

As we have seen previously, this arc must be added to all natal O.A./O.D. positions to compare with the O./A./O.D. positions of the event. Alternatively, the O.A./O/D. positions of the event can have this arc subtracted to make the comparison with the natal positions - it is the same thing.

Then, precession must be added to all natal O.A./O.D. positions, and comparisons made between natal and solar factors.

O.D. solar Moon = 53 20 plus 360 degrees = 413 20.

Subtract elapsed arc which we have just found = 252 07

Elapsed Moon = 161 13

O.D. natal Pluto = 161 17. Add precession on the Equator of 17' for Pluto = 161 34.

Any contacts which are less than one degree in orb will bring the appropriate event to fulfillment within one year.

The difference between Pluto and the Moon is 21' arc, which is four months.

Four months later was August 22 , the day of Bronwyn's death.

There are a few enthusiasts working with the Topocentric System in various part of the world, and I saw an article by one of them, Dymock Brose of Australia, in the *Astrological Journal*. He had learned about the system from an Argentinian astrologer, and is now convinced that primary directions under the poles

are the best way to rectify a chart. As we were intending to go to Australia anyway, we visited him. He, too, uses the solar return corrected for precession, called "the little bastard" by the Brigadier, and abhorred by all true siderealists, Dymock has discovered that a measurement of a month in the solar return equals 59'08" arc (the year's measurement, so a month equals a year) and any planet which makes an aspect to another in the other chart within a orb of 11.8277 degrees signifies an event during that year.

If Pluto is directed under his own pole to 1 Libra 36-- hence square Mars-- the orb is 4 05 as follows:

Tan pole Pluto = M.D./S.A. x tan lat Portland = .38676.
Tan decl. 1 Libra 36 = .01105, so sine A.D. = .01105 x .38676 and A.D. = 0 15.
R.A. 1 Libra 36 = 181 28 plus A.D. = O.A. 181 43
O.A. Pluto = 185 48 so difference =4 05

The return was on April 22, day 1112, which is .30665 of a year of 365.2422 days. 4.05 is .34523 of 11.8277. Add. The result is .65188 which is day 238, and Bronwyn died on Day 234.

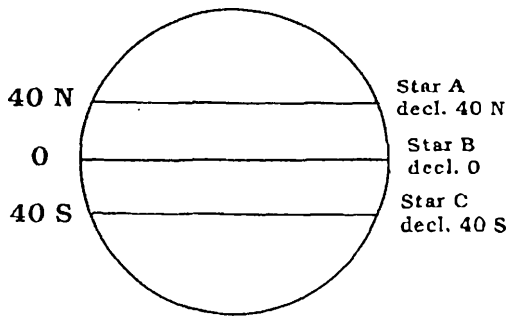
This is no coincidence, as Dymock has many results which validate his method. His article on the death of Grace Kelly as demonstrated by her solar return is very persuasive. There are good astrologers in Australia, and we had some extremely pleasant and interesting times with some of the best, Gilian Murray, Kevin Barrett, Austin Levy, and Dymock Brose, the recluse, living in the Blue Mountains. Australians are noted for their hospitality, and they certainly lived up to their reputation.

Some Simple Astronomy

As the Earth turns on its axis, planets, appear to rise over the horizon in the East, move across the sky, and sink into the West. They follow, each of them, a certain parallel of declination -- that is, they are a certain distance North or South of the Celestial Equator.

There are 360 degrees in a circle, and the diurnal and nocturnal portion of a planet's journey through the 360 degrees of the Earth's rotation can be divided into a diurnal and a nocturnal semiarc. When day and night are equal, they will spend the same time above and below the horizon. Otherwise, in the Northern hemisphere a planet with N declination is above the Earth longer by day than by night--that is, its diurnal semiarc is longer. The reverse is true for a planet with S declination. This is due to the obliquity of the Ecliptic, which causes the signs to rise unevenly. If you will turn to my father's chart, you will quickly understand this. The tenth--seventh house quadrant contains 232 degrees and the first to tenth house quadrant only 52 degrees. Each semiarc is 90 degrees plus or minus a certain A.D. or ascensional difference, the diurnal plus the nocturnal semiarcs adding up to 180 degrees.

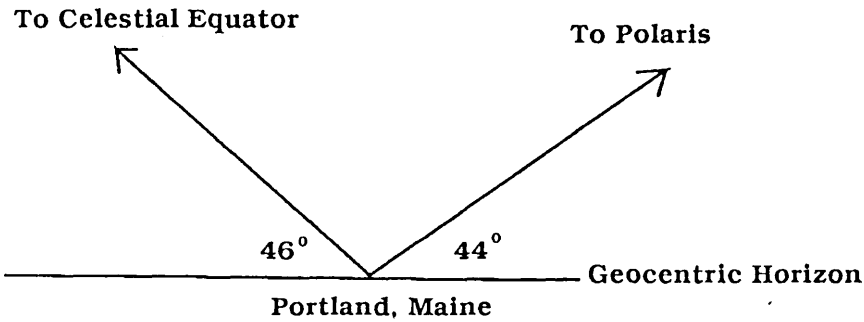
As the Earth rotates, a star with a given declination will always be found over a place with the same latitude. Star A, with declination 40N will always be found somewhere over places with 40N latitude. Star B will be over the Equator.



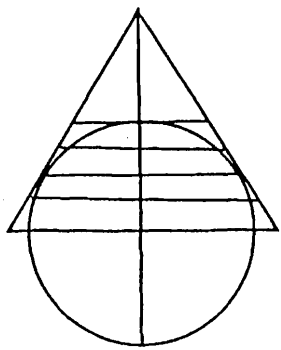
Navigation depends on measuring the heights of stars or planets above the horizon. The latitude of a place in

the Northern hemisphere is equal to the altitude of the Celestial Pole and Polaris, the Pole Star. We can also determine our latitude by measuring the altitude of a star which is directly overhead. Its declination will be equal to the latitude of the observer.

Astronomers give the position of stars in right ascension and declination. An easy way to measure R.A. is to wait until the star comes to the meridian and to note the time according to the sidereal clock. This is how it is in practice determined, and it is given in hours, minutes, and seconds of sidereal time.

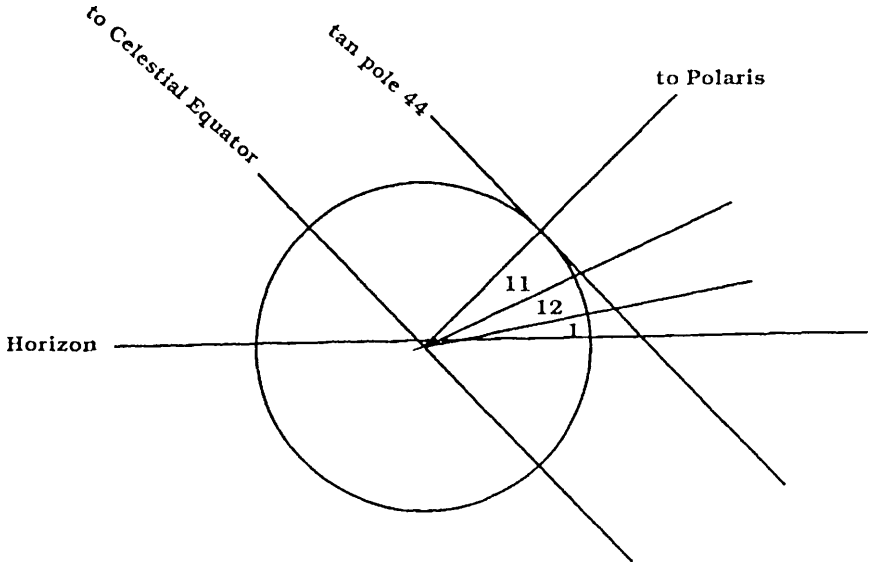


Astronomy measures time upon the Equator by means of hour angles. The radii of the parallels of declination are taken as equal. In reality, they are not equal. At the Equator, the measurement is maximal, and becomes less towards the poles. If the parallels of declination are taken each with its own radius, the the measure of time is only possible upon the cone. Upon the cone, all the circles of the planets and houses turn out to be straight lines. So this is why plane trigonometry applied to the cone is used in the topocentric system, (see diagrams on this page).



The Cone of Rotation

The heart of the topocentric system is the topocentric pole. As just stated, the latitude of a place in the Northern hemisphere is equal to the altitude of Polaris. We shorten this statement to "the pole of the Ascendant is equal to the pole of the latitude of the birthplace." "Pole" means "polar elevation" or, in other words, the angle we find if we use a sextant to shoot Polaris. The

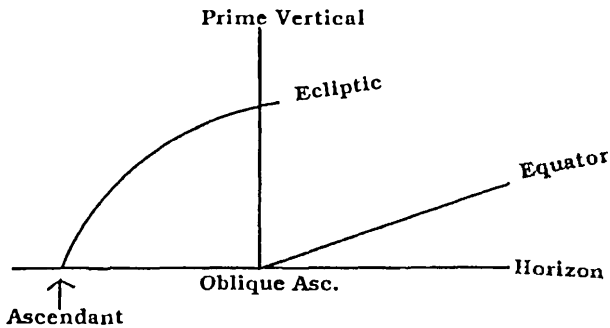


other house cusps have their poles also, and each planet has its own pole. Primary Directions are calculated by directing a planet or cusp of a house under its pole to a given degree of the zodiac. The diagram above shows how the tangent of the latitude (which equals the tangent of the pole of the Ascendant) is used in finding the poles of the houses. Between the local axis (the axis pointing to the North Pole around which the Earth spins) and the geocentric horizon the space is divided into three sections, each containing one house. Take one third of the tangent of the birth latitude (which is the tan pole of the Ascendant). This is the tan pole of the 11th cusp.

Two thirds of the tangent of the birth latitude is the tan pole of the 12th cusp. The diagram will show how the division is made. The 12th, 6th, 2nd, and 8th houses have the same pole, as do the 11th, 5th, 3rd and 6th houses. The tangent of an angle is the length of the opposite side divided by the adjacent side. As a degree rises, it is carried towards the meridian, so the opposite side becomes smaller until finally it merges with the line to the meridian. The pole of the 10th cusp - 4th cusp is therefore zero.

Astronomers work with spherical trigonometry, and the positions in the ephemeris must be projected on to the Celestial Equator. This is because all the traditional measurement, M.D.(meridian distance) S.A. (semiarc) A.D. (ascensional difference) on the sphere are equivalent to those on the cone when both are measured on the Celestial Equator.

Measurements in the Topocentric System are made in degrees of right ascension and converted to oblique ascension, instead of on the ecliptic as in other systems. "The cusp of the Ascendant is where the horizon cuts the Ecliptic. The oblique ascension is where the horizon cuts the Equator. The difference between them depends on the ascensional difference." So, says Alan Leo in *Casting the Horoscope*. See below. For "horizon" use "temporal Horizon."



It will be found when working with the system that a planet with extreme latitude. (Pluto or the Moon) may sometimes appear to be in the first house, for example, when its body has already risen and is in the 12th house. Only by calculating the OA or OD can one see in which house the planet actually is.

When working on the formula for the M.Do. (meridian distance projected on to the Equator) which is what we do when we are looking for genealogical contacts, the rule is that the semiarc must always be greater than the meridian distance.

If you go out and look at the stars, you will see how the polar constellations turn around Polaris, and you can even tell the time by noting the position of the star Caph. The stars which are not circumpolar rise and set, and if a particular one is watched throughout the night, and a line drawn to it from where you are, you can imagine how the earth turns around the local polar axis and sweeps out the house cusps by its turning. Thus the Topocentric Cusps divide the Prime Vertical, since your particular spot on its surface cuts through the great circle joining the zenith, east point, nadir and west point of the horizon as the earth turns, and also divides the Equator, as you can see from the diagram, since the tangent of the pole is parallel to the Equator. It thus combines both the division of Time and of Space. The mathematics of the Topocentric System are not easy to grasp for non-technical astrologers like myself, but a knowledge of astronomy does help.

Topocentric Houses

The Topocentric System gives different house cusps from all other systems, and since these cusps are used for rectification, it is important to know how they are obtained.

The other systems divide the area between the MC and the Ascendant in different ways. Campanus divides it by trisecting the Prime Vertical, the great circle running between the Zenith and the East and West points of the horizon. Regimontanus trisects the Equator. Placidus trisects the semi arcs, each half of which contain 90 degrees of right ascension measured on the Equator. This is the house system most commonly used and it is quite satisfactory, as the cusps are very close to those obtained by the Topocentric System.The topocentric Houses were discovered by experiment, and unlike the other methods are not based on great circles. At least, that is what the authors say, although I have heard it argued that they must be, since they are computed with great circle formulae.

A Primary Direction of the Ascendant is arrived at by measuring the arc of age between the O.A. of the Ascendant and the O.A. of a radical planet. Thus the difference between them is not taken on the ecliptic, but on the Equator.

The method is explained in the Appendix.

In order to solve the problem of domification, the poles of each house must be found. The houses are 30 degrees apart, measured on the Equator from the R.A.M.C. We know the pole of the Ascendant--it is the geographical birth latitude. We only have to find the poles of the intermediate houses to construct a Topocentric chart.

The Ascensional Difference of a planet under the pole of a house can be found by the formula sine A.D. = tan. decl. planet x tan. pole house. (The declination is taken

for a given zodiacal degree without latitude.) By measuring the arc of an event related to some house we have part of this formula. It gives us the O.A. The declination gives us another part. We know the O.A. is the R.A. plus or minus the A.D. We therefore have an equation with one unknown. The unknown--the pole of the house cusp--can easily be found by simple arithmetic.

This is how the domification of the Topocentric system was discovered, by measuring the arcs of many events related to a given house and subjecting these points to mathematical analysis.

When we have a series of points belonging to the intermediate houses, they can be subjected to mathematical analysis to find out to which great circle they belong.

The 9th house relates to long journeys. Taking the arc of long journeys in a native whose birth time was exactly known, a series of points corresponding to the arcs of long journeys was plotted. (See diagram 2.)

If several events appropriate to the 3rd or 9th houses give the same pole, we can be sure it is the correct one. But when the points found in this way were subjected to mathematical analysis to find out to which great circle they found that they belonged to none. Moreoever, they formed a curve as seen from the centre of the earth, but from the surface of the earth they formed a straight line.

The straight line from A1 to A4 in diagram 2 is this straight line, the same line shown in diagram 1 as the line between the 2nd and 3rd houses. The points A1-A4 are found by measuring the arc of age between the plane of the 9th house and the ecliptic position of each radical planet.

This was mystifying. There was only one possible explanation. When they observed the apparent rotation of the sky around an axis parallel to the earth's axis but

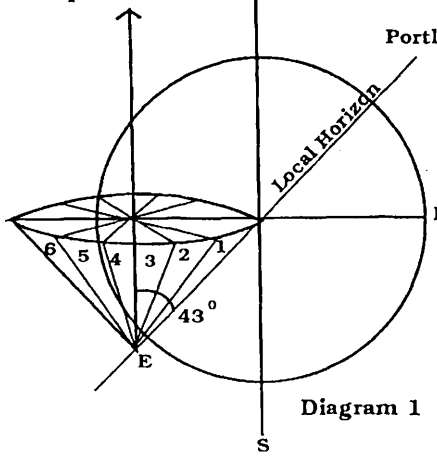


Diagram 1

Determination of the IX House Line through Events

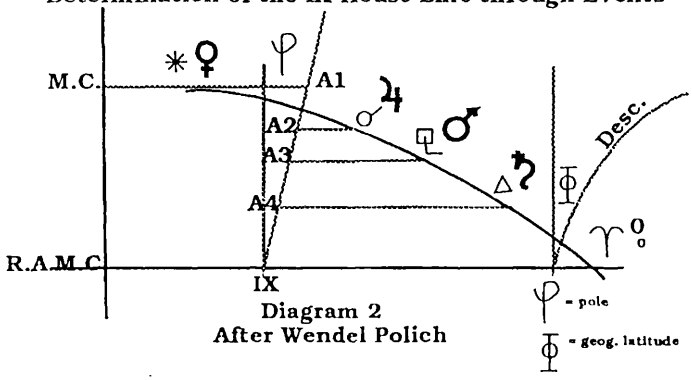


Diagram 2
After Wendel Polich

arising from the spot on earth where the birth took place they realized the solution. The houses were not to be found upon the sphere. They were generated by the cone of ascension produced by the rotation of the earth around its axis. During the 24 hour period of rotation, the plane of the horizon sweeps out a cone of rotation with vertex at E. (See Diagram 1.) The angle between the Topocentric axis (parallel to the earth's axis and arising from the point of the observer at E) and the plane of the pole of the Ascendant which is equal to the geographical latitude of the observer. The intersection of the planes of

the meridian and the horizon is called the temporal line of the horizon. The radius of the circle of rotation is the line passing from the local topocentric axis to the centre of the earth. (See diagram 1.) Its circumference is the temporal line of the horizon. I hope the diagram makes this clear. This rotates through 360 degrees in 24 sidereal hours. Examine diagram 1.

Examine diagram 3 to see how the angle becomes smaller as the line B becomes shorter. Since the tan of the angle is B/A, and A is fixed (it is the radius of the

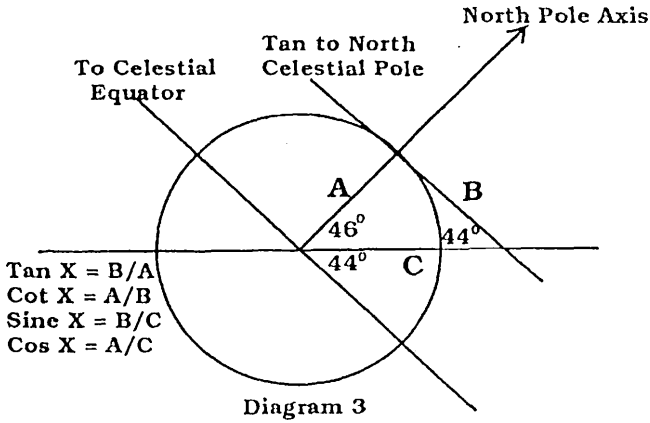


Diagram 3

earth) you can see that the tangent of the angle is directly proportional to the time of rotation and the time of ascension.

Diagram 1 shows the generation of houses at Portland, Maine. The straight line in conjunction with the local axis determines the plane of an ascensional circle on the cone. Every point on the line is isochronous, each trisecting the semi-arc cut, all possible ones from the Equator to the Poles. Each house consists of 30 degrees of right ascension along the Equator, and in time, two hours.

Hence each house cusp is found under its own pole. The Topocentric poles, which are enormously important in the system, are found by the following formula.

Tan pole = M.D./S.A. x tan geog. latitude.
M.D. = meridian distance.
S.A. = semiarc.

The tangent of the pole of the Ascendant is the same as the tangent of the latitude (since at a given latitude the Pole Star is always at an elevation equal to the latitude.) The meridian distance is usually taken from the nearest meridian axis, but must always be less than the semi-arc. This formula is as valid for the stars and for the planets as it is for the house cusps. It obtains the real position of the stars and the cusps in temporal measures.

Diagram 1 shows how the local horizon (which in the diagram is shown running through the center of the Earth) meets the local topocentric axis at point E. (The true local horizon is, or course, parallel to this one, and the angles are identical but this is easier to draw.) The cone rotating around the axis generates the houses. The nocturnal houses are shown here. The appendix gives the formulae for computing the house cusps and planets, and for using them in calculating Primary Direction.

The difficulty arises because there are two circles to considered. The circle of the ecliptic has the Sun for a center. The circle of the Equator, whose coordinates are measured in right ascension, has the Earth as center.

The Relationship between the Ecliptic and the Horizon showing the East Point and Houses

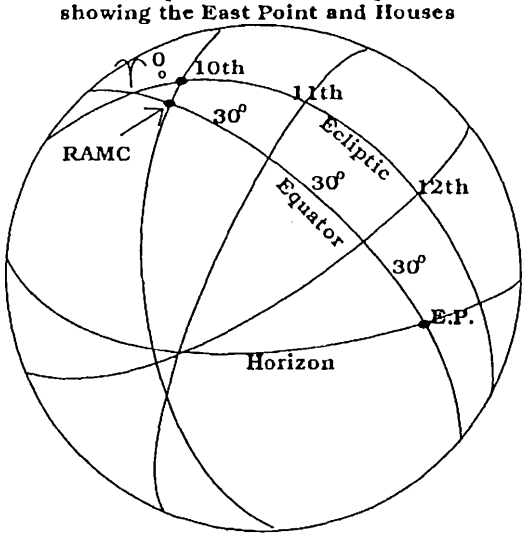


Diagram 4

They cross at the vernal and autum-nal Equinoxes, and they are inclined to each other at an angle of 23 degrees 27 minutes. (See diagram 4.)

Any valid system of house division must be applicable in Polar regions. Here the Topocentric System comes into its own.

As in Placidus, the space between Ascendant and M.C. along the Equator is trisected into areas swept out by the passage of two hours of time. Unlike Placidus, the topocentric poles trisect the semi-arcs upon all parallels of declination. A temporal plane cannot trisect the arcs upon all parallels of a sphere at he same time--it is not mathematically possible. The measure of time is only possible upon the cone of ascension, and upon this cone all the "circles" of planets and houses turn out to be straight lines.

Kepler was held up for many years when he was trying discover the laws which governed the movement of planets around the Sun. It was always thought that planets moved in circular orbits. Kepler discovered after many years of patient observation that the orbits were elliptical. It should therefore come as no surprise that the house cusps are generated upon the cone of ascension and not upon the sphere. An ellipse, after all, is a cross section of a cone.

The formulae for the Ascendant fit both a spherical astrology at latitudes below the Polar regions and astrology with the houses based on the temporal plane of ascension of the cone. As a spherical plane with geocentric coordinates it cuts the Ecliptic at a certain point, and as a temporal plane in ascensional conic coordinates it cuts at exactly the same point. This is not so in the case of the intermediate quadrants.

If one wishes to erect a chart for the polar regions, one will find that a 18 hours S.T. North or 6 hours S.T. South the spherical horizon coincides with the Ecliptic.

There are other times when the M.C. coincides with the Ascendant, since their respective circles cross at the the same ecliptic point. No chart is possible!

If one looks at the diagram of the North Star, Polaris, in the chapter "Some Simple Astronomy" it will be seen that Polaris is at an angle above the horizon which is the same angle as the birth latitude. The co-latitude, which is 90 degrees minus the latitude has the plane of its Prime Vertical exactly coincident with the horizon.

The topocentric solution is to work with the Prime Vertical of the co-latitude. Where the plane of the Prime Vertical cuts the horizon, there is the true Ascendant. One works throughout with temporal planes.

The formula for this with a full explanation is found in Wendel Polich's book *The Topocentric System.*

There is a much easier way of calculating charts in the circumpolar region.

The house cusps trisect equally the AD--the ascensional difference. The formula for the AD in polar latitudes and in horizontal--that is, below the Polar Circle --latitudes are different.

For polar latitudes, AD = cot pole x cot E.

For horizontal latitudes, AD = tan pole x tan E.

E is the maximum declination of the Ecliptic, which determines the culmination point of the curve of the spherical horizon.

The horizontal one has an increasing function from AD = 0 to AD =90. The polar has a decreasing function from AD=90 to AD=0. From this it follow that to each polar latitude corresponds another latitude--a horizontal one that has exactly the same AD and therefore the same Ascendant.

The Polar Tables in "The Topocentric System" give the correspondences between polar and non-polar latitudes. These are of great interest to me, since I was

born in the tropics and without them would not be able to find my Vertex.

I have an example chart. Marie Peary, the daughter of the famous Polar explorer Admiral Robert Peary was born in Greenland, and the time of her birth was recorded by her father. He was a stickler for accuracy. At his summer home on Eagle Island in Casco Bay in Maine he has painted the exact latitude and longitude on the floor of the porch, and there are books on astronomy and some copies of the *Nautical Almanac* in his bookcase.

Marie Peary, Sept. 12 1893, 6.45 pm EST
76W40,77N44.
1.Sailed from England to U.S. on June 11 1910.
2.Married first husband Edward Stafford, Oct 6, 1917.
3.Father died of pernicious anemia Feb.20, 1920.
4.Married again after first husband's death Jan 21, 1967
5.Husband died Sept.21, 1977
6.Marie died April 16, 1978.

She is buried in Arlington National Cemetery.

The given time using the polar equivalent latitude of 49N09 is used to set up the chart. The arc of age for the day of her first marriage is chosen to give the primary direction, it being added to the RAMC. This gives an Ascendant in Taurus very close to 20 Taurus 24 which is trine the natal Sun. This is an appropriate direction for marriage: let us alter the given birth time to make it exact and see how the other directions work out. The new time is 2 minutes 24 seconds later.

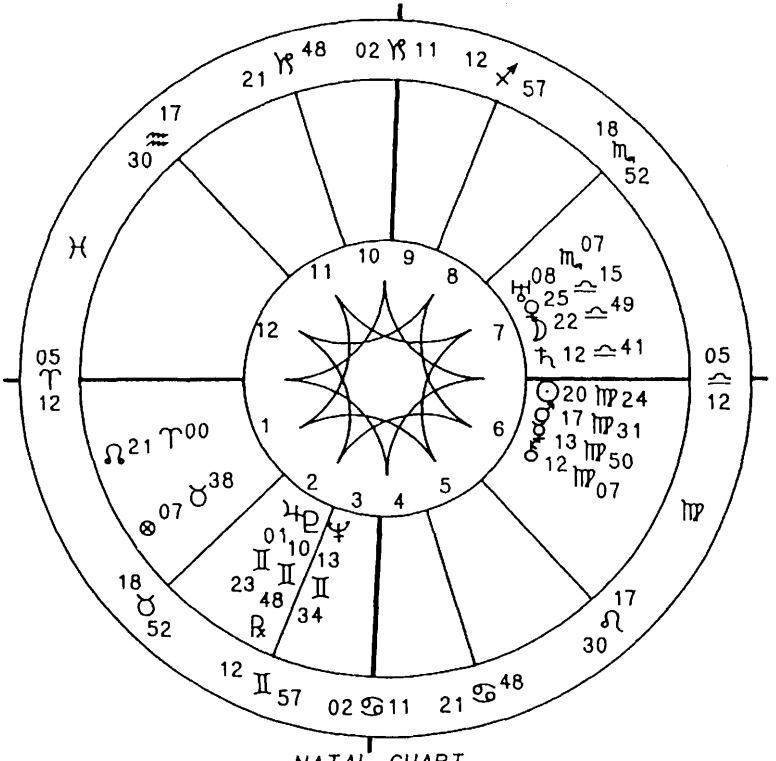
For the death of her father, the regressed RAMC with the new time is 30 degrees from Uranus, the orb being 2'

arc. Uranus in my experience is very prominent at death of relations.

For her second marriage, the progressed Ascendant is square Saturn. She was 73 years old. The orb is 2' arc.

For the death of her second husband, the progressed Ascendant is square the Nodes. This is often found in family deaths. The orb is 2' arc.

The death of Marie Peary was marked by a P.D. of Uranus square the 8th cusp with an orb of 3' arc.



NATAL CHART

MARIE PEARY
12 Sep 1893 18h47m24s EST
TOPOCENT 49N 9 76W40

Rectification

Most of those who are working with the Topocentric System today are using it to rectify charts.

The authors of the system were skilled enough to be able to use a few accurately timed events for rectification. The beginning of any event, even a minor one, should be shown by an appropriate A.T. I tried to rectify President Carter's chart by analyzing about six television speeches which I had timed to the second. It took me many hours, and I do not think that it is practical. It is easier to use Primary Directions, which are accurate to within 3' or 4' arc. With their aid and a list of events of some importance in the life, a birth chart can be rectified to within about 8 seconds of time. Without a computer program, it is not easy, but Alexander Marr has written one, and more will surely follow.

Primary Directions are computed under the poles of the planets or house cusps.

The Topocentric System works with the cone, not the sphere. The planets rise and set along their circles of ascension/descension according to their poles. What is a Pole? It is an angle. It points in the direction in which the planet is found. It is the angle measuring the height of the Pole Star or, in other words, it is the polar elevation.

Unlike other systems, the Topocentric System is based on the apparent rotation of the sky around the topocentric axis which passes through the body of the native and is drawn from the surface, not the centre, of the Earth.

One can draw a vertical from the body of the native to the Earth's centre, and this vertical sweeps out a cone of rotation (once every sidereal day) around the axis of the Earth with vertex at the Earth's centre. Prolonged, it sweeps out another cone around the topocentric axis, which is the motion of the ascension/decension. The

houses are generated upon this cone of ascension.

A new house cusp is situated at every 30 degrees of rotation. The houses are thus equal in time. The plane which passes through the House line and the topocentric axis also divides the space equally. Its circles of position are straight lines upon the cone. We can do nothing with data on the cone - we need its equivalent expression on the sphere so that we can operate with data in the ephemeris. The Topocentric Pole is the link between cone and sphere. One can think of it as if someone were standing on the band of the Zodiac and looking towards the Celestial Equator, the projection on the sky of the Earth's Equator. The two circles interlace each other, but are inclined to each other at an angle. The pole is used to convert the zodiac degree to the degree of right ascension or vice versa.

Some examples will make the method clear.

The pole must first be found. For the formula, please refer to appendix.

If you look at a Table of Houses, you will understand the principle of Primary Directions.

Aries in the Northern hemisphere is a rapidly rising sign. At around 16 N latitude, Aries 16 rises at S.T. 18.52

For Aries 16 to rise at 20N latitude the S.T. is 18.50

At 30 N latitude, the S.T. is 18.54

At 40 N. latitude the S.T. is 18.58

The latitude of a place is equal to the pole of the Ascendant. We are therefore seeing the effect of different poles.

The Naibod arc is used, one year being equal to 59'08.33". and this is not based on the mean motion of the Sun, but on the rotation of the Earth. The 24 hour civil day begins when the Sun has reached the lower meridian and ends when it has exactly reached the same

place next day. During this time, the Earth has performed one complete rotation of 360 degrees 59'08.33".

The sidereal day corresponds to the time of two consecutive culminations of a Fixed Star. During this time, the Earth has performed on full circuit of 360 degrees less 0 59' 08.33" as the sidereal day is shorter than the civil day by 3 minutes 56.555 seconds. (59'08.33')

If one rotation of the Earth, corresponding to the Sidereal Day is divided by the duration of a full tropical year, we get 59' 08.33. (360 divided by 365.242197)

To calculate P.Ds it is necessary to calculate the OA/OD places of all natal planets. The method is given in the appendix. As far as the house cusps are concerned, 30 degrees is added to the R.A.M.C to get to the cusp of the 11th house, and for the 12th house, 30 degrees is added to the cusp of the 11th and so on.

In the Topocentric System, house cusps and planets when directed in the Primary directional system obey the same rules as the Ascendant in the case we have just considered. The degree of the zodiac is different for each pole. An example is Bronwyn's first operation, July 24, 1962. We will direct natal Sun to the Ascendant. The Naibod arc for 10 years 93 days = 10 06' 31'.

O.A. natal Sun = 19 43 minus arc 10 06 31 = converse directed Sun, which is 9 36 29. The OA of the converse Sun has been directed to 9 degrees 36 minutes 29 seconds. But what degree of the zodiac is this under the pole of the Sun? If on the Ascendant, the R.A.M.C. would be 279 36 29. We need to find the degree on the Ascendant for a latitude of 39 30 (the pole of the Sun) when the R.A.M.C. would be 279 36 29, a sidereal time of 18 38 26. (The R.A.M.C.divided by 15)If you have Table of Houses (the best is the American Astrology Tables of

Houses by Hugh Rice published by the Church of Light, Box 1525, Los Angeles, California 90053) you will find that this is 16 Aries 07 51. The natal ascendant is 16 Aries 04, and the P.D. is converse Sun to natal Ascendant. So the P.D. at her surgery had an orb or almost 4' arc. She was the only child who survived major heart surgery that month, because the Children's Hospital in Boston was having a run of bad luck.

Here is the P.D, for Peter's birth. He was born when Bronwyn was 1 year 9 months old. This corresponds to a Naibod arc of 1 43 in degrees and minutes. The natal 3rd cusp OA is 68 50 for R.A.M.C. 278 50.

P.D. is 3rd cusp to sextile Pluto at 19 Gemini 06.
R.A. 19 Gemini 06 = 78 09
Decl. 19 Gemini 06 = 23
Tan decl. = .42447
Tan pole 3rd = tan 43 08 which is .97687 divided by 3 so tan ple 3rd = .31229

The formula is: tan pole promittor x tan decl. significator = sin A.D.
sin A.D. = .31229 x .42447 = .132558 and A.D. = 7 37

R.A. significator = 78 09
minus A.D. 7 37
O.A. significator under pole promittor = 70 32
O.A. promittor 3rd house cusp = 68 50
difference = 1 42
orb of P.D. = 1' arc.

Tam was born when Bronwyn was eleven years 1 week old - an arc of 10 51 33.
OD natal Pluto = 161 17' 48"
minus arc 10 51 33 = 150 26 15, regressed Pluto.

Kuhr's OA Tables cannot be used for planets that are setting, that is, they can only be used for OAs, not ODs. It is therefore necessary to add 180 degrees and look under the appropriate pole for this value.

150 26 15 plus 180 = 330 26 15, which under pole Pluto (33 08) equates to 17 Aquarius 30 and its opposite degree is 17 Leo 30. The natal 3rd cusp is 17 Gemini 30.

For birth of sister, the P.D. is Pluto converse sextile 3rd cusp.

It can be seen that in primary directions, the significator is directed by adding or subtracting a certain arc to its OA/OD and finding which degree of the zodiac it corresponds to under its pole. The degree of the zodiac is taken without latitude (unlike some other systems of P.D.s such as those used by Robert Luce.)

It is said that if death is foreordained, it will be shown by directions to the 8th house. If it is brought about through foolishness and self destructiveness, it will be shown by 12th house directions.

Arc of Bronwyn's death at 22 years 4 months = 22 01
OA 2nd cusp = 38 50
Add arc of 22 01 and progressed 2nd cusp = 60 51.
Under its pole of 31 59, this is 17 Gemini 13.

Natal Sun = 2 Taurus 11, so 8th cusp is 135 degrees from Sun - orb = 2' arc.

The pole of the R.A.M.C. and its opposite point, the R.A.I.C. is zero. Primary Directions to this axis are made by using the R.A. of the planets - not the OA/OD

For example, Mars came to my R.A.M.C. by P.D. on Feb 18, 1941.

R.A.M.C. = 231 44 minus R.A. Mars of 206 39 == 25 05.

This equates to 25 years 5 months 12 days. I began my career in surgery on March 1, 1942. As you will

remember, it lasted for 10 days. Mars is natally opposition Jupiter, representing the Establishment, and this was one of the occasions on which I came into conflict with authority and lost.

If the time given is anywhere near the correct time, and the death of a parent, a marriage or a change of residence has occurred in the life, it should be possible, by setting up the natal chart, adding the Naibod arc for the event and also subtracting it, (thus getting a progressed and a regressed chart) to see if any house cusps of these charts fall in aspect to a natal planet. I have shown how is is done - and a rectified correction to the given birth time made - in my discussion of the chart of Marie Peary in the chapter "Topocentric Houses."

The instruction for all these calculations are in the appendix.

More on Houses, Poles and P.Ds.

Since this study asserts the R.A.M.C.s with which I am working, some proof of these R.A.M.Cs should be given.

Most of those who work with the Topocentric System consider that the best way to rectify a chart is to calculate Primary Directions under the pole of the significator. There is a proper way to do this, the way in the previous chapter being useful in understanding them, but in practice it is not the method used. I will give several events for my father's chart, my sister's chart, and three each for Ben's and mine, to avoid boredom of the reader.

The calculation of the P.D.s of my father's chart are as follows. His R.A.M.C. is 205 45.

1.Marriage
A common P.D. for marriage is Venus or the Moon to the 5th -11th cusps. In this case Mercury was the planet making the aspect.
5th cusp = 19 Taurus 43, whose R.A. is 47 16.
Declination of 19 Taurus 43 = 17 40.5 Tan decl. = .31866
Pole Mercury = 45 02, tan pole = 1.001
Sine A.D. = tan pole Mercury x tan decl. 19 Taurus 44 = .31884 and A.D. = 18 36.
R.A. plus A.D. =O.D. of 5th cusp = 65 52
O.D.Mercury = 90 05
Arc = 24 12 equating to 24 years 6 months 21 days. Marriage was at 24 years 5 months 21 days, or 24 07. Orb = 5' arc.

2. Birth of illegitimate son Feb. 25, 1916. Arc =24 20
Fortuna to 11 Gemini 33 (square natal Saturn.) The birth brought heavy financial responsibilities.
R.A.11 Gemini 33 = 70 01

Decl. = 22 12 and tan decl. = .40809
Pole Fortuna = 26 03 and tan pole = .48881
Sine A.D. = .40809 x . 48881 = .19948 and A.D. = 11 30
R.A. plus A.D. = O.D. = 70 01 plus 11 30 = 81 31
O.D. Fortuna = 57 10
Arc = 24 21 equating to March 3, 1916.
Orb = 1' arc.

3. Birth of daughter Nov. 30 1917, arc = 26 04
Fortuna to 27 Aries 44 (conjunct 4th cusp.)
R.A. 27 Aries 44 = 25 45
Decl. = 10 41 and tan decl. = .18864
Pole Fortuna =26 03 and tan pole = .48881
Sine A.D. = .18864 x .48881 = .092221 and A.D. = 5 17
R.A. plus A.D. = O.D.= 25 45 plus 5 17 =31 02. O.D.
Fortuna = 57 10. Arc = 26 08. Orb = 4' arc,
correct for R.A.M.C. 205 49.

4. Birth of son April 25, 1936 Arc = 44 12
M.C. 27 Libra 44 to 11 Sagittarius 33 (square Saturn)
R.A. 27 Libra 45 = 205 46 R.A 11 Sagittarius 33 = 250 01
and as pole M.C. = 0, we take the R.A.as equal to OA/OD.
R.A. 11 Sagittarius 33 = 250 01
R.A.M.C. = 205 45
Arc = 44 16
The exact aspect corresponds to R.A.M.C. 205 49 orb = 4' arc.

5. Meeting with Vavilov in Leningrad Aug 2, 1933
Arc = 41 31 and p.D. = N.Node to 10 Cancer 37 (Mars)-
R.A. 10 Cancer 37 = 101 33
Decl. 10 Cancer 31 = 23 01.5 and tan decl. = .42499
Pole N.Node = 41 13 and tan pole = .87593
Sine A.D. = tan decl. x tan pole N.Node = .42499 x .87593
= .37226 and A.D. -2151

R.A. 10 Cancer 37 = 101 33
plus A.D. 21 51
O.D. = 123 24
O.D. N.Node = 81 53
Arc = 41 31

This equates to Aug. 2, 1933 and we arrived in Leningrad on that exact date.

5. Death of father Dec. 3, 1948.
Arc = 56 38. P.D. = progressed descendant to 9 Virgo 42 (square Mercury at 9 Gemini 42)
R.A. 9 Virgo 42 = 161 15
Decl. 9 Virgo 42 = 7 56 and tan decl. = .13935
Pole Descendant = 54 14 and tan pole = 1.38822
Sine A.D. = tan decl. x tan pole Desc. = .13935 x 1.38822= .19345 and A.D. = 11 09.

R.A. 9 Virgo 42 = 161 15
A.D. = 11 09
O.D. = 172 24
O.A. DESC. = 115 45
Arc = 56 39 (exact for R.A.M.C. 205 46)

6. Death of mother Jan 31, 1964.
Arc = 71 33. P.D. = 8th cusp to 27 Taurus 24 (quincunx 27 Libra 24, or degree holding Uranus)
R.A. 27 Taurus 24 = 55 07
Decl. 27 Taurus 24 = 19 35 and tan decl. = .35575
Pole 2-8 cusp = 42 47 and tan pole = .92548
Sine A.D.= tan decl. 27 Taurus 24 x tan pole 2nd = .32924 and A.D. = 19 13

R.A. 27 Taurus 24 = 55 07
A.D. = 19 13
O.D. = 74 20
O.A. 8th cusp =145 45

Arc = 71 25, age 72 years 6 months. She died when he was 72 years 7 months twelve days.

The orb here is 8 minutes arc.

When an important event occurs, usually several P.D.s cluster around the time and there may be other P.D.s in all these cases.

My sister born, at 10:46 A.M. on Nov. 30, 1917 in Nova Scotia, had Uranus rising in the first house. When by P.D. Uranus reached the Ascendant, a German bomb landed on her apartment in London, and only because she and Leonard were in an air raid shelter did they escape with their lives. She insisted that night on leaving her bed when the sirens sounded, as the aspects were very dangerous.

1. Asc. directed to 20 Aquarius 12. R.A. 20 Aquarius 12 = 322 36

Decl. 20 Aquarius 12 = 14 46 and tan decl. = . 26358

Sine A.D. = tan decl. x tan pole Ascendant = .26358 x 1.007 = .26543 and A.D. = 15 24.

O.A. 20 Aquarius 12 = R.A. 322 36 plus A.D. 15 24 =338

O.A. Ascendant = 315 32.

Difference = 22 28 and age = 22 years 10 months 14 days = October 14, 1941.

It was in the middle of October that the bomb fell on her house, bombing of London having begun in earnest after the evacuation of the army at Dunkirk in June 1941.

2. Birth of daughter March 18, 1945. Arc 26 53.

P.D. is 2nd cusp to quincunx S. node at 2 Aquarius 42.

R.A. of 2 Aquarius 42= 304 59.

Decl. = 19 34 and tan decl. = .35541.

Pole 2nd = 33 52 and tan pole = .67133.

Sine A.D. = tan decl. x tan pole 2nd = .35541 x .67133 =

.23859 and A.D. = 13 48.
R.A. 304 59 plus A.D. 13 48 = O.A. 318 47.
O.A. 2nd house = 345 39
Arc of difference = 26 52 = 1' arc.

3. Birth of son March 26, 1948 Arc = 29 58.
P.D. is 11th house regressed to 12 Scorpio 45 square Fortuna at 12 Leo 45
R.A. 12 Scorpio 45 = 220 18.
Decl. 12 Scorpio 45 = 15 40 and tan decl. = .28045.
Pole 11th = 18 35 and tan pole = .33567.
Sine A.D.= tan. decl. 12 Scorpio 45 x tan pole 11th =
.28045 x .33567 =.09414 and A.D. = 5 24.
R.A. 12 Scorpio 45 = 220 18,plus A.D. 5 24 = 225 42.
O.A. 11th cusp = 255 39.
Difference = 29 57.
Orb = 1' arc.

I was born at 4.29.31 p.m. on Sept. 6, 1916 in St Vincent. My R.A.M.C. = 231 44.
1. Ascendant to 13 Pisces 53 opposition Sun. Arc of age = 24 53. Date = Dec 7, 1941. On this date the exam results were posted, and I finally knew I had my medical degree.
R.A. 13 Pisces 53 = 345 09
Decl. 13 Pisces 53 = 6 21 and tan decl. = .11128.
Sine A.D. = tan decl. x tan pole Asc. = .11128 x .233 =
.02593 and A.D. = 1 29
R.A. 345 09 plus A.D. 1 29= O.A. 346 38
O.A. Ascendant = 321 44
Difference = 24 54
1' orb

2. P.D. to marriage on June 25, 1943. N.Node to square M.C. at 24 Aquarius 07. Arc = 26 25
R.A. 24 Aquarius 07 = 326 26.

Decl. 24 Aquarius 07 = 13 29 and tan decl. = .23976
Pole Node = 10 23 and tan pole = .18323
Sine A.D. = tan decl. x tan pole = .23976 x .18232 = .04393 and A.D. = 2 31.
R.A. 326 26 plus A.D. 2 31 - O.A. 24 Aquarius 07 = 328 57
O.A. N.Node =302 32
Difference = 26 25 which equates exactly to marriage.

3. P.D. to birth of Bronwyn on April 22, 1952. Arc = 35 07.Venus to sextile Pluto at 4 Virgo 16.
R.A. 4 Virgo 16 = 156 09 Decl. of 4 Virgo 16 = 9 57 and tan decl. = .17543.
Pole Venus = 10 27 and tan pole = . 18444
Sine A.D. = tan decl. .17543 x tan pole .18444 = .03236 and A.D. = 1 51
R.A. 156 09 plus A.D. 1 51 = O.D. 4 Virgo 16 = 158
O.D. Venus = 122 55
Arc of difference = 35 05.
Presumptive arc = 35 07, difference = 2'.

If Saturn be directed to sextile Pluto, the arc is 35 06 - even closer. At the time of conception, the Moon was in 27 Cancer 23, almost exactly at the midpoint of natal Venus and Saturn.

Ben was born in Painswick, Gloucestershire, on Dec. 5, 1920 at "around noon" and his chart, rectified by Alexander Marr has an R.A.M.C. of 254 51.
1. Marriage on June 25, 1943, arc of age = 22 14.
P.D. = Mercury to 17 Sagittarius 34 (square Jupiter)
R.A. 17 Sagittarius 34 =256 29
Decl 17 Sagittarius 34 =22 52 and tan decl. = .42172
Pole Mercury = 23 59 and tan pole = .44496.
Sine A.D. = tan decl. 17 Sag 34 x tan pole Mercury = .42172 x . 44496 = .18765 and S.A. = 10 49
R.A. 256 29 minus A.D. 10 49 = O.D. 17 Sagittarius 34 =

245 40
O.D. Mercury =223 30
Arc of difference = 22 10. The orb is 4' arc.

2. Death of father, Nov. 10, 1945, arc of age = 24 34.
P.D. is Mars to 24 Pisces opposition Saturn.
R.A. 24 Pisces =354 30
Decl. 24 Pisces = 2 23 and tan decl. = .04162.
Pole Mars = 47 50 and tan pole = 1. 10412
Sine A.D.= tan decl. 24 Virgo x tan pole Mars = .04162 x 1.10412 = .04595 and A.D.= 2 38.
R.A. 354 30 plus 2 38 = 357 08
OA Mars =332 35
Arc of difference = 24 33. This is almost exact.

3. Emigration to United States. Arrived Jan 15, 1949.
P.D. =Neptune converse to 8 Cancer 21 (Pluto)
R.A. 8 Cancer 21 = 99 05
Decl. 8 Cancer 21 = 23 11 and tan decl. = .42825
Pole Neptune = 49 05 and tan pole = 1.1537
Sine A.D. = tan decl. .42825 x tan pole 1.1537 = .49407 and A.D. = 29 36.
R.A. 8 Cancer 21 = 99 05 plus A.D..
O.D. = 128 41
O.D. Neptune = 156 28
Difference = 27 47.
Arc of age = 27 43 Orb = 4'.

Flights of Fancy

Life is linked to the stars. This much has been proved by the two astrological geniuses from the Argentine.

When astrologers gather together they often talk wistfully about how a new age would be brought in if only astrologers were consulted by politicians, teachers, physicians, lawyers, and others of influence who run the country. "Every hospital should have astrologers on the staff". I have heard it said. "The outcome of diseases, as well as the best method of treatment, could then be predicted for each patient". "There would be no more deaths on the operating room table," I often thought of that when I was doing anaesthesia. Once, indeed, I was successful in getting a surgeon to cancel an operation because I had set up the chart and did not think she would live through it.

A wonderful science fiction book called "The Astrologer." by John Cameron has been written on this theme. In the book it was related how astrology had been developed to the point where planetary patterns were at last understood as being reliable sign posts to behavior. An international organization similar to the United Nation monitored those parts of the world where it was known that outstanding individuals would be born. By studying the planetary cycles it could be found out in advance exactly where and when the geniuses of the world would come into incarnation. Midwives in the remote areas of the Third World as well as the staff of all hospitals in the developed countries were alerted to register very precisely the birth times and places of these special children.. Perhaps a great revolutionary leader was due to be born in a Turkish village at a certain time. He might either be neutralized by the organization, by denying him any education, or on the other hand, be might be helped by giving him every chance to develop his talents if the

organization felt that they would benefit society.

A fascinating article on this theme appeared a few years ago in *Astrology Now.* There was a rare planetary configuration due to be formed in about a year on the West coast of the United States. A young West Coast astrologer wrote that the configuration could well herald the birth of an Avatar, and she would like to be his mother. All she would have to do would be to go to the exact place and become pregnant at the exact time.

Unfortunately--or perhaps, fortunately--we still do not know the laws which govern human generation. I have been searching for these laws for about forty years, but without success. The Tritune of Hermes may point to the time when sperm meets ovum, but the time of impregnation is the only time we can know, and there is nothing which tells us how this time relates to the birth time. There is a common M.Do between the mother, father, future child, and the impregnation chart, but it docs not give us enough data to work out the time of birth ahead of the event.

We must learn a new way of thinking, Yeats wrote:

God guard me from those thoughts men think
In the mind alone,
He who sings a lasting song
Thinks in a marrow bone.

And this is how astrologers must learn to think.

The Greeks asked, "Who is a wise man?" and the answer was, "He who can catch the wind in a net." They meant that a wise man can sense things he cannot see.

How many scientists can do that?

The scientific Establishment was turned upside down in 1981 by the publication of "A New Science of Life" by Rupert Sheldrake. He has been called the most

controversial scientist since Galileo. Like Galileo, he will probably turn out to be right.

The Sheldrake hypothesis is that in addition to the gravitational field and the electromagnetic field there is in nature a morphogenetic field for each species. This is an organizing field concerned with life which shapes things like crystals, plants and animals. Theses morphogenetic fields are uncannily like what occultists term the Akashic Records. They contain information gathered from all past history and evolution. They exist apart from material structures.We must not assume, however, that Sheldrake believes in the inheritance of acquired characteristics. He thinks rather that our brains are like television sets. They are constantly receiving information from invisible sources broadcast to us by the morphogenetic fields.

This, of course, alarms those whose science is based on the material concepts of the late nineteenth century. If true, there seems no reason who telepathy should not exist, and why the Cosmos should not be connected to life through a morphogenetic field.

Sheldrake also believes that there is morphic resonance by which similar structures can be in communication across time and space via morphogenetic fields. He has some very interesting thoughts about crystals. It is known that some new compounds when first synthesized may not crystallize easily. Once crystals have been formed, no matter where, future crystallization becomes easier. The crystals will have the same formation as the original ones, even if there are several theoretical models which they could "choose."

But crystals are not alive--or are they? They are regular geometric forms which seem to arise spontaneously and to replicate themselves. Some viruses, like the tobacco mosaic virus, can be crystallized.

Glycerin is an example of a substance which was at

first very difficult to crystallize. Two hundred and fifty years ago it was first extracted from natural fats as a liquid. Despite supercooling, reheating, and all the usual methods for inducing crystals to form, it remained a liquid. Then, suddenly, a barrel of glycerin in transit between Vienna and London crystallized. A certain lab ordered by mail a sample of these crystals to use in its work. There was no explanation for the fact that, after it arrived, all other solutions of glycerin in that lab spontaneously crystallized, even those that were sealed in airtight containers.

This kind of event does occur in organic chemistry. Yesterday something was impossible, and today it is easy. It may be partly because of a new attitude of mind. And could it be that information broadcast by morphic resonance has something to do with it?

Rupert Sheldrake has good scientific credentials. He was a plant physiologist and a Fellow at Cambridge, with degrees from Harvard and Cambridge, when he went to India in 1968 to study tropical plants. There he came into contact with Indian philosophy, and began to wonder if the present concept of science is really the true one. He now lives in India, like J.B.S. Haldane before him, finding that scientific research can best be done in that atmosphere.

The first data Sheldrake found to support his hypothesis came from McDougall's rats. At Harvard in the 1920's learning in rats was tested by running them through a water maze. Twenty-two generations later, it was found that even rats descended from the slowest learners ran the maze in less time than the original fast learners. The experiment was repeated in Australia. There a strain of Australian rats were used. They ran the maze faster than any of the original rats. One explanation was that information had been broadcast to them across time and space.

Ken Keyes, Jr. in *The Hundredth Monkey* tells of the island of Koshima, where scientists have been observing Japanese monkeys for over thirty years. In 1952, on Koshima, monkeys were provided with sweet potatoes dropped in the sand. The monkeys liked the sweet potatoes, but found the dirt unpleasant. A young monkey found that she could wash off the dirt in a stream, and taught the trick to her mother and her playmates, who also taught their mothers. This cultural innovation was gradually picked up, and by 1958 all the young monkeys were washing their sweet potatoes. Some of the old ones, who imitated their children, were also washing them, but most of the tribe went on eating dirt. Then something startling happened. In the autumn of 1958, a certain number of Koshima monkeys - say 99, because the exact number was not known - were washing their potatoes, and one more monkey learned the trick. Then it happened! An ideological breakthrough occurred because of the "energy" of the hundredth monkey which had been added, and they all began to wash their potatoes. But this was not all. A still more surprising thing happened, for monkeys on the mainland at the same time also began to wash their sweet potatoes. The habit did not spread slowly from a monkey who had discovered it independently, for all the monkeys discovered it at the same time. It appears that when a certain critical number achieve awareness, this new awareness may be communicated from mind to mind. This seems to support the theory of the morphogenetic fields with morphic resonance communicating through time and space. Perhaps this is one method by which evolution occurs.

The poet W.B.Yeats had a concept of the Universal Mind. "The borders of our memories are shifting so that many minds can flow into one another and create a

single mind. Our memories are part of a great memory, the memory of Nature herself. The great mind and great memory can be evoked by symbols. Each personal imagination is part of the Universal Mind. Scholars and visionaries contribute to it, and in turn draw from it inspiration for the expression of beauty and truth. It is a vast fund, built up and handed down through the ages. Folk lore and myth represent the accumulated wisdom of the past, and symbols play a unique part because they are an accepted form for expressing thought vividly, and for evoking deep emotions."

Even young children understand symbols, for those who have worked with dying children, as I have, learn that the pictures they draw can tell if death is immanent.

Some interesting experiments have been devised to test the morphogenetic field theory. In one, "Brain-Mind Bulletin" asked its readers to memorize three rhymes. One was a Japanese nursery rhyme, one was a poem by a contemporary Japanese poet, and one was pure gibberish. If the morphogenetic field theory is correct, the nursery rhyme should have been easier to learn, since generations of Japanese children had learned it. Preliminary reports showed that this was indeed the case.

The truth is not yet known, but some day we will know it. It is certain that it will be nothing like what we believe today. We are prisoners of our cultures, and these tend to bend reality to make the world look like we think it should look.

As the poet William Carlos Williams wrote in his poem, *The Fool's Song*:

I tried to put a bird in a cage
'O fool that I am !
For the bird was Truth.
Sing merrily, Truth! I tried to put Truth in a cage.

And when I had the bird in the cage
O fool that I am
Why, it broke my pretty cage.
Sing merrily, Truth! I tried to put Truth in a cage."

Like the fool in the song, we all have Truth in a cage.

Appendix

Antiscion

This word denotes points which are equivalent in arc from a certain axis, but measured in the opposite direction. This term is used for planets on either side of the 0 Cancer- 0 Capricorn meridian. A planet,for example, in Sagittarius 27 is antiscion a planet in 3 Capricorn.

Antiscion houses are those at equal distances from the meridian but on opposite sides, as, for example, the 11th and 9th houses. Sometimes a P.D. concerning matters belonging to a certain house may show up as a P.D. to the antiscion house. For example, a P.D. in my chart equating to Bronwyn's death was Uranus to the 3rd cusp, but Uranus to the 5th cusp, the antiscion house, would have been more suitable.

Ascendant

The intersection of the temporal horizon with the ecliptic.

Ascendant Formula for House Cusps

Given the O.A. and the the pole, to find the zodiacal degree.

Minus tan long. of zodiacal degree = sine E x tan pole- cos. E x cos. O.A. divided by sine O.A. where E = obliquity of ecliptic 23 27

Example.

What is the degree on the 2nd cusp for pole 17 and O.A. 24?

Sine E= .39795

Tan pole = .30573

Cos E = .91354
Cos OA = .91354
Sine O.A. = .40674
.39795 x .30573 = .12166
.91741 x .91394 = .83846
Subtract = -.7168
Divide by .40674
Result = -1.7623 so tan long = 60 25 =
0 Gemini 25.

Celestial Equator

The projection on the sky of the Earth's Equator.

Equation of Time

A correction giving the difference between the local mean time (civil or clock time) and the apparent solar time, that is, sun time as shown by a sun dial.

Apparent solar time minus mean time is the equation of time. On Oct 1 the difference is 10 mins. 54 seconds. For an observer on an exact meridian of longitude, the clock will show 11.49.06 when the sundial shows noon and the sun's shadow is shortest. The explanation of this is that the apparent motion of the sun varies according to the position of earth in its orbit.

Equinoxes

The points of intersection of the ecliptic with the celestial equator. These are inclined to each other at an angle of 23 27.

The vernal equinox, or Aries 0 is where the sun turns north of the celestial equator, and the autumn equinox at Libra 0 is where the sun turns south.

E.T. Meridian

The R.A.M.C. used in calculating M.Dos may be slightly modified if the connection between the two charts is of a suprapersonal nature.

For M.Dos. which are either mundane conjunctions or oppositions, the delta t of the older native is subtracted from the delta t of the younger, and the difference converted to time at the measure of 4 seconds = 1 minute arc. This is added to the R.A.M.C. of the younger native. If from antiscion houses, add delta ts and subtract sum converted to arc from RAMC of the younger native.

Other Genealogical Connections (In transposed charts)

"Each radical ecliptic position (untransposed) remains in the radical position as a sensitive point in the local chart, and through each of them a local circle will pass (according to the geog. lat. where the child was born) which will determine an OA or OD point in the Transposed chart that might form a point of contact between the two charts."

Nelson Page wrote this, and I tested it with my daughter Frances.

Before beginning, certain information must be collected.
Frances was born in Bristol.
Tan lat. Bristol = 1.25717
Tan decl. my natal Uranus = .29659

We will transpose natal Uranus to the latitude of Bristol, using Frances' R.A.M.C.and see how its OA changes.

R.A. Uranus = 319 23
R.A.I.C. Frances' chart = 347 50
M.D. Uranus = 28 27

The semiarc of Uranus changes for the latitude of Bristol.

Sine A.D. = tan lat. Bristol x tan decl. Uranus
=1.25717 x .29659
=.37286
and A.D.= 21 53
The nocturnal semiarc = 90 plus 21 53
S.A. = 111 53

The O.A. of Uranus can now be found.
M.D./S.A. x tan lat x tan declination Uranus = sin A.D.
A.D. = 5 26

R.A. = 319 23
plus A.D. of 5 26
O.A. = 324 49.
This is the OA of Uranus transposed to time and place of Frances' birth.

Having found the O.A. of Uranus, the supra-personal or "elapsed" arc must be added before it can be compared with points in Frances' chart.

R.A.M.C. daughter Frances = 167 50 plus 360	= 527 50
R.A.M.C. mother	= 231 44
Difference	= 296 06
Plus arc of age	27 14
Total elapsed arc	= 323 20
plus O.A. Uranus	324 49
	= 648 09
Subtract 360. O.A. Uranus plus arc	= 288 09

O.A. of 2nd cusp of Frances' chart with R.A.M.C. of

167 50 = 287 50
Add precession on the Equator of 19' arc.
2nd cusp precessed = 287 09
Uranus transposed plus elapsed arc = 288 09

M.Do

The M.Do is the distance from the meridian projected on to the Equator. which is the only common circle shared by the Topocentric System on the cone of ascension and the meridian distance on the sphere.

M.Do=M.D./S.A. x 90

Meridian

A circle of longitude from the south point of the horizon through the zenith to the north point of the horizon, cutting the ecliptic at the 10th cusp.

Meridian Distance

Take the meridian distance as the distance between the R.A. of a planet and the nearest meridian, either the R.A.M.C. or R.A.I.C. The semi-arc must be greater than the meridian distance. If it is not, the planet must really be diurnal when you think it is nocturnal, and vice versa. So take it from the other meridian and recalculate the S.A. Remember if M.D. is taken from the RAMC it is diurnal, from RAIC nocturnal

Nutation

The short period oscillations of the earth's axis, as

a result of gravitational forces of the moon and the sun. There are tables--Donald Bradley's Sidereal Vernal Point Tables--which show how nutation is used in calculating an exactly accurate sidereal solar return. The amount of nutation depends on the position of the Nodes of the Moon.

OA/OD

We must find the ascensional difference between the R.A. and O.A. and add it to or subtract it from the R.A. to find the OA/OD.
M.D./S.A. x tan lat. x tan decl. = sine A.D.

For planets rising with N. declination the O.A. is R.A. minus A.D.

For planets setting with N. declination the O.D. is R.A. plus A.D.

For planets rising with S. declination the O.A. is R.A. plus A.D.

For planets setting with S. declination the O.D. is R.A. minus A.D.

Prenatal Epoch

Chart of conception.

Primary Directions

The promittor is directed to the significator, which is a degree of the Zodiac, without latitude. The R.A. of the degree can be taken from R.A. Tables. Some Tables also give the declination of each degree of the Zodiac, which is necessary to find the A.D. and therefore to calculate the OA/OD of this degree under the pole of the significator.

The difference between the promittor and significator under the pole then gives the arc of direction, from which the age the P.D. becomes exact is calculated. The naibod arc of 0 degrees 59' 08" per year is used.

Prime Vertical

A great circle running between the zenith-the north point towards which the planets rise and where they culminate-- and the east and west points of the horizon.

Right Ascension or R.A.

A measurement on the celestial equator. For planets between 0 Aries and 0 Cancer, or 0 Libra and 0 Capricorn, the cosine of the R.A. is equal to cos. longitude x cos. latitude divided by cos. declination.

For planets between 0 Cancer and 0 Libra, or 0 Capricorn and 0 Pisces, the sine of the R.A. is equal to sine long. x cos. lat. divided by cos. declination.

R.A. of Mercury at 5 Virgo 05, latitude 0S56, decl 8N47.

Sine R.A. = sine 65 05 x cos. 0 56/cos. 8 47.
Sine 65 05 = .90692
Cos. 0 56 = .99986
Cos. 8 47 = .98827

so sine R.A., Mercury = .91755 and R.A.= 66 34

But we must add 90 degrees, as we began counting from 0 Cancer.

R.A. Mercury = 156 34

For the Sun, Node, and Fortuna, which have no latitude, take the R.A. position out of R.A. tables.

Semi-arc or S.A.

For planets which are nocturnal and have N. declination, the S.A. is 90 degrees minus the ascensional difference.(A.D.)

For planets which are diurnal and have N.declination, the S.A. is 90 degrees plus the A.D.

(Planets in the Northern hemisphere are found above the Earth longer when they are in N. declination).

For planets with S. declination, the reverse is true.

Watch out for Pluto! It is at present in Scorpio, but still has N. declination,and will have until 1987

To find Ascensional Distance for Semi-arc:

Sine A.D. = tan. geog. latitude of place x tan. declination of planet.

Sidereal Time

The hour angle of the vernal equinox.

Solstice Points

In the Topocentric system, the solstice points are those found by subtracting the O.A. or O.D. from 360 degrees.They are sometimes found in genealogical contacts. For example, Bronwyn's Venus has O.A. of 10 22. Subtracting it from 360, the solstice point is found to be 349 38. The genealogical contact is found as follows:

R.A.M.C. of daughter Bronwyn 278 50
R.A.M.C. of mother 231 44
Difference 47 06
Add the difference to mother's O.A./O.D. points to transpose them to the time and place of Bronwyn's birth.

O.A. N. Node = 301 32
Plus arc of 47 06 = 349 38
Mother's Node transposed = Bronwyn's Venus solstice point.

Temporal Horizon

It is easier to work with the horizon passing through the center of the earth, which is parallel to the true temporal horizon. As the earth rotates on its axis, the temporal horizon is carried up towards the meridian. The angle between the temporal horizon and the meridian becomes less and less. After two hours, the temporal horizon has reached the 12th house cusp, and two hours later, the 11th house cusp. In six hours it reaches the meridian. Although each house contains thirty degrees measured along the equator, it may contain more or less than thirty degrees of the ecliptic depending on the pole.

Topocentric Axis

The axis drawn to Polaris from the native's position on the surface of the earth, Polaris being the pole star marking the N.pole. (Actually it is a degree away from it.) This axis is parallel to the axis of spin of the Earth, which is taken from the centre of the Earth to Polaris.

Topocentric Pole

Tan pole = M.D./S.A. x tan. geographical latitude. The houses stem from the Equator. Consequently the S.A. will be 90 and the M.D. 30 or 60 degrees, according to the intermediate House. Thus, for pole 11-5 and 3-9 houses, the formula is tan pole = 30/90 tan lat = 1/3 tan latitude.

For pole 12-6 and 2-8 houses, tan pole = 60/90 tan lat or 2/3 tan latitude.

Now the family has grown. Both Katherine and Max are married, and, as befits Neptune in the seventh house, Max married a 21-year-old girl from the Philippines.

Peter is the doctor for an area of 100,000 people in Zimbabwe and is running a 250-bed mission hospital, helped by two American medical students and by Emily, who looks after pediatrics. They have a new son, born April 10,1988.

About the Author

She has always lived on the crack between two worlds--science and the other world of the mystery which lies beneath all forms. She finally turned from science to the other world, studying theatre for four years to earn a degree.

Theatre has everything. It has spectacle, poetry, music, and dance. It has philosophy, history, and literature. It helps one understand the sub-text of life, the meaning behind events. The world of the unconscious dark forces has been given no place in our society. It has revenged itself by erupting into crime and drugs. Dionysius will not be denied.

They say that Anaxagoras the philosopher was once asked why anyone should choose to be born. "For the sake of contemplating the universe," he said, "and the order governing its parts."

Like Anaxagoras, the author has found delight in contemplating the order of the Universe.

Letters from Wendel Polich

December 1976

I thank you for your card wishing me a happy New Year. I have had serious heart problems, but now my vitality has somewhat returned, although progress has been slow.

You have asked me about the control of personal and suprapersonal events, and the use of ephemeris time and astronomical time.

1. UT (Universal Time) is the real measure of time. It varies from one year to the next, and must be adjusted.

2. ET (Ephemeris Time) We need a time standard which is constant and does not change. Its name is ET and it is equal to UT of the year 1903- an artificial standard.

3. In the ephemeris the positions of planets are calculated on the basis of ET and the sidereal time is calculated on the basis of UT.

4. The difference between them is delta t.

ET=UT + delta t

Delta t is variable and is different for every year. For 1976 it is 48 seconds.

5. The meridians of ET and UT are like the pointers of a watch. The meridian of UT is like the pointer (hand) of a 24-hour watch, imagine it pointing towards the upper meridian- remember that sidereal time is calculated from UT.

There is another pointer, the meridian of ET, rotating clockwise and indicating a later time, the difference being the delta t of the date.

In the solar revolution, corrections for both delta t and the equation of time must be used.

With my best wishes,
Wendel Polich

Author's Note

The correction for delta t may seem trivial, but it is cumulative. If one is calculating a chart for ancient Rome, for example, and delta t is not used, the chart will be inaccurate by hours, if not days.

In antiscion ascensional transits, the two delta t's are added, and the difference (in arc) subtracted from the RAMC of the younger native. Since delta t is cumulative,

this is logical. It is, however, held to be "ridiculous" by certain critics of the Topocentric system.

The Equation of Time is the difference between the hour angles of the true and the mean Sun. The true Sun moves along the ecliptic. The mean Sun (fictitious) moves along the celestial Equator. In astrological charting we normally use mean time, therefore we are not concerned with corrections involving this equation.

July 1977

Thank you very much for sending me John Addey's book on harmonics, and your query if it might be possible to wed harmonics with the Topocentric System. A harmonic connection could be the cause for the effect at the time of the ascensional transit. There is much we do not understand.

The book on the Topocentric System is coming along slowly, but when it is finished acceptance will be certain, for its methods are repeatable, being based on mathematics, and thereby elevating astrology into the realm of science.

And now I will answer your question about marriage.

It is necessary to take the exact moment of the declaration that the couple are now husband and wife. There should at that time be aspects formed in the ecliptic which indicate the causes of the union and therefore its future, and at the same time an ascensional transit.

I draw your attention to the fact that your husband has Saturn in his seventh house. You know that among astrologers this is usually considered to bring a separation, but there is one exception, as in your case, when Saturn is the Ascendant ruler of the spouse, and then it is favourable.

I can verify this from experience, because I, too, have Saturn in the seventh house. When I married my first wife, she became ill shortly afterwards and died of tuberculosis. My second marriage was to a Capricornian, that is, my wife has Saturn as her Ascendant ruler, and this has been a happy and lasting marriage of almost 50 years.

Antiscion Ascensional Transits

These are much more important than one would think. Lebron, who has many criticisms of the book, does not believe in them. He asks how an empty point can produce an effect. But this is only a supposition on his part, whereas

we have tested it, and find that the reflexive points are active. Why this should be we do not know, but it is assuredly so.

With my late friend Nelson Page we made many observations during the course of his illness. He had cancer of the right lung, which was removed surgically, but later he died. We noted, for example, that when malefic planets transited his third cusp he suffered pain. But when planets transited the antiscion point of the third cusp (the point equidistant from the axis) he also suffered pain. We noticed that one lung was represented by the third cusp and the other lung by the antiscion point of the third cusp.

We carried out many tests, and found that it was valid both for equatorial and ascensional antiscions. Ptolemy used equatorial antiscions. Ascensional antiscions (the meridian being the axis) were discovered by us.

The Solar Return

Our little book sold out quickly, so I cannot send you a copy. Nelson Page and I collaborated, following no theory but seeing how events worked out. The solar revolution is usually set up using the mean position of the Sun. But it is necessary to calculate the return of the true Sun to a conjunction with his natal position. For this, the equation of time must be used.

Nelson Page was ill at this time, and we devoted a year to following important events in his illness which in ten cases worked out to the exact day shown by the solar return

There are two astrologers who disagreed with us. One was Alexander Marr, who seemed to think that we were idiots and declared about the ten events correctly predicted by the solar return to happen on a certain day "What coincidences occur in the Cosmos!" He preferred to attribute our success to coincidence rather than to our studies.

Our other adversary is Lebron. For him, no solar return exists except the one calculated using mean solar time. He closes his eyes to results.

I thank you for your cooperation in our work, and greet you with all my heart.

Wendel Polich

October 1977

In the book, there is a discussion of the Law of Sudden Events, which I will now recapitulate for you.

The formula is: MD radical/SA radical= MD event/SA event

This formula indicates the condition which must exist between the radix and a sudden event for physical realisation.

If the planet in the sky is forming an ascensional transit to a radical planet, an event will occur at this exact time if there is also an ecliptical aspect within a narrow orb.

If one had a rectified radix, just imagine how useful to determine the significators of an event before it happened! The advantage would be when you could choose the beginning of an event, and decide whether or not to begin it at that time. One would be able to prevent misfortune in certain cases.

Wendel Polich

Author's Note

Alexander Marr has rectified the chart of Ronald Reagan using the Topocentric System. I am convinced of the accuracy of this rectification.

(Feb. 6, 1911 at 1.44.06 a.m. CST 41N38, 89W49)

The chart for the first inauguration, on Jan. 20, 1981 at 11.56.50 a.m. EST in Washington DC had the following M.Do contact between the natal chart rectified by Marr and the chart of this event.

Natal M.Do Fortuna= 23 26

Inauguration M.Do Mercury= 23 25

Not for nothing was President Reagan known as "The Great Communicator"! During his first term he enjoyed great popularity and a favourable Press. Not so in his second term! He took the oath privately as the date of Jan. 20, 1985 fell on a Sunday. The media reported the time as 11.57 a.m.

Natal M.Do Saturn= 53 02
Inauguration M.Do Uranus= 53 04
M.Do natal Saturn= M.Do Inauguration Uranus.

In his second term President Reagan was overwhelmed by the Iran-Contra scandal. The astrology scandal also caused quite a stir, especially as Mrs. Reagan was accused of transmitting information to her astrologer using an open telephone line monitored by the Soviets! Natal Saturn in antiscion M.Do contact with transiting Uranus in the 8th house is not a favourable aspect with which to begin a term in office.

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